

Product Datasheet

LC3 antibody (orb33328)

Description	LC3 antibody
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human LC3. Please contact us for the exact immunogen sequence. The peptide is available as orb12928.
Target	LC3
Form/Appearance	10 mM PBS, 0.02% sodium azide
Concentration	- 100 µg (in 200 µl): 0.5 mg/ml- 200 µg (in 400 µl): 0.5 mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	IgG
Clonality	Polyclonal
Purity	Polyclonal antibodies are purified by peptide affinity chromatography
MW	14 kDa
Uniprot ID	Q9GZQ8
Entrez	81631
Dilution Range	IF/ICC: 1:100-800, IHC-P: 1:100-800, WB: 1:200-2000

Biorbyt Ltd.

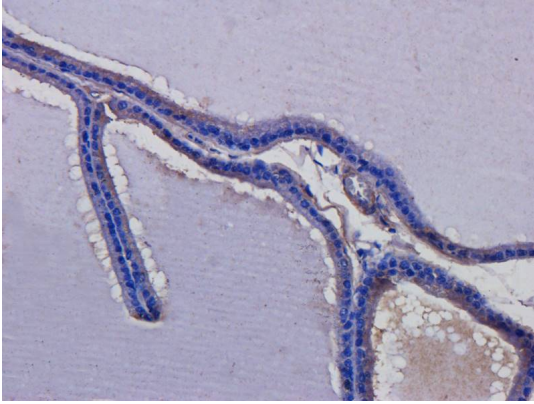
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

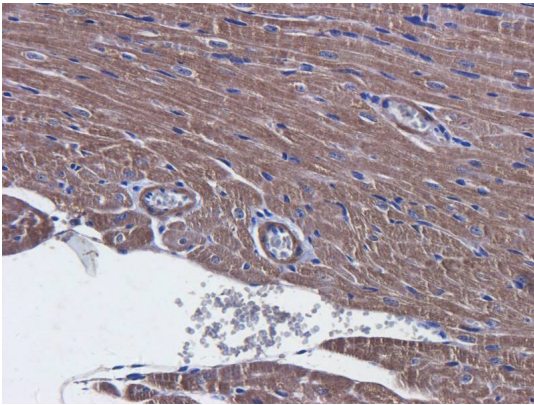
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Expiration Date

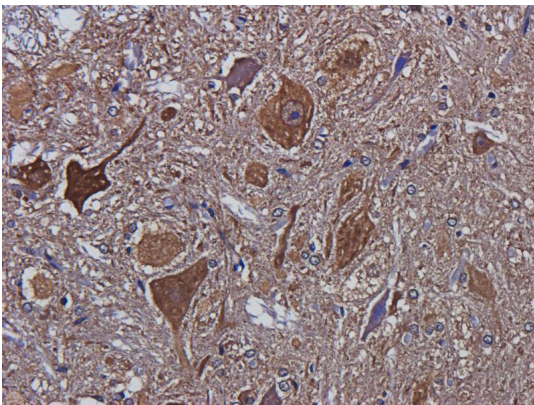
12 months from date of receipt.



IHC-P image of rat prostate tissue using LC3 antibody (dilution of primary antibody at 2.5 ug/ml)



Immunohistochemical staining of mouse heart tissue using LC3 antibody (dilution of primary antibody - 2.5 ug/ml)



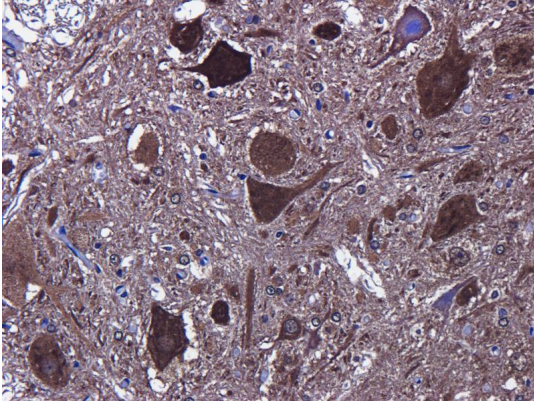
Immunohistochemical staining of rat spinal cord tissue using anti- LC3 (dilution of primary antibody - 2.5 ug/ml)

Biorbyt Ltd.

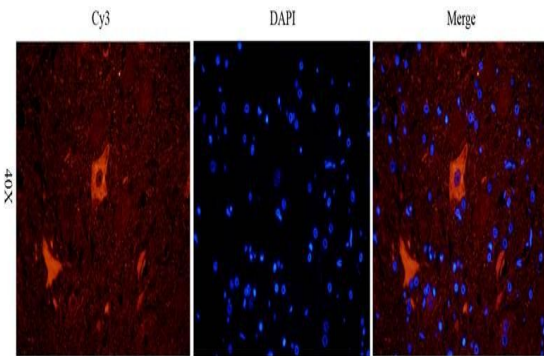
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

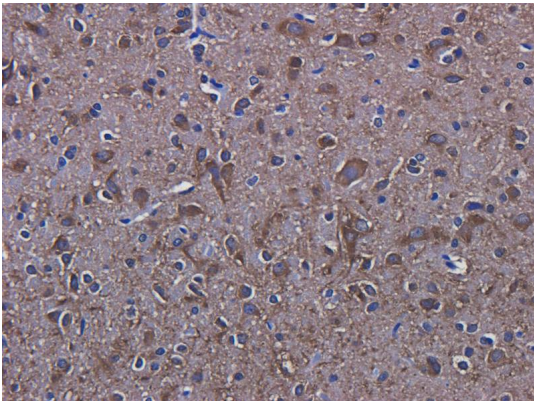
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



IHC-P staining of rat spinal cord tissue using LC3 antibody (dilution at 2.5 ug/ml)



Immunofluorescence image of rat spinal cord tissue using anti-LC3 (dilution at 2.5 ug/ml)



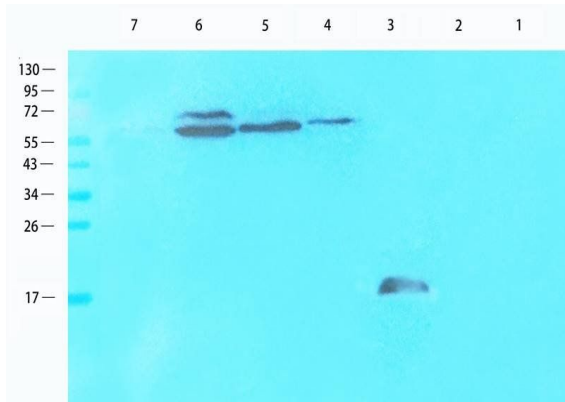
Immunohistochemical staining of paraffin embedded rat brain tissue using LC3 antibody (primary antibody at 2.5 ug/ml)

Biorbyt Ltd.

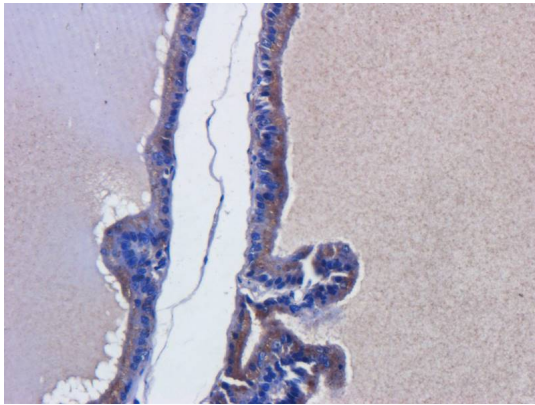
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

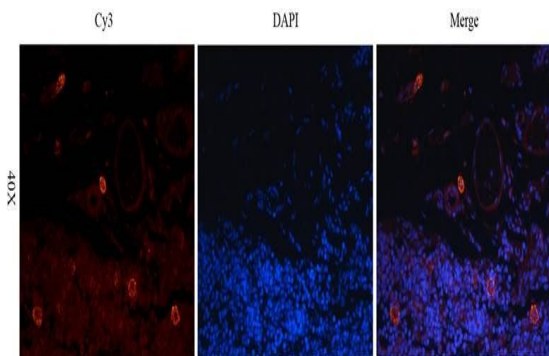
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



WB analysis of U251 cells (lane 1), 293T cells (lane 2), mouse brain (lane 3), rat spinal cord (lane 4), rat heart (lane 5), mouse uterus (lane 6), rat bladder (lane 7) using LC3 antibody (1 ug/ml)



Immunohistochemical staining of paraffin embedded rat prostate tissue using LC3 antibody (primary antibody at 2.5 ug/ml)



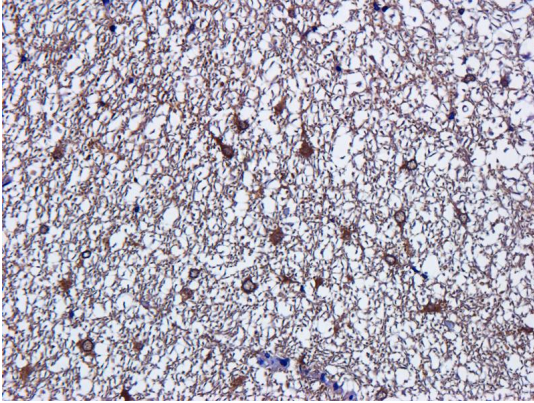
IF image of rat thymus tissue using LC3 antibody (primary antibody at 2.5 ug/ml)

Biorbyt Ltd.

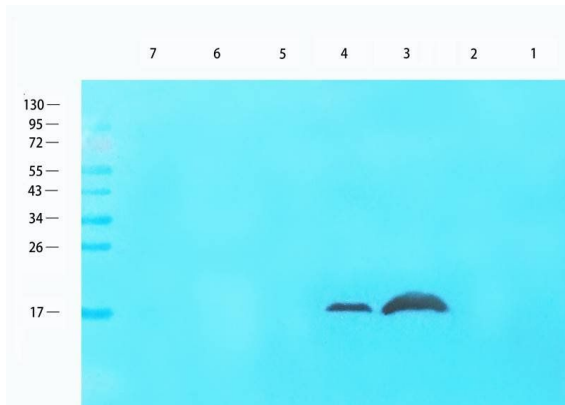
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

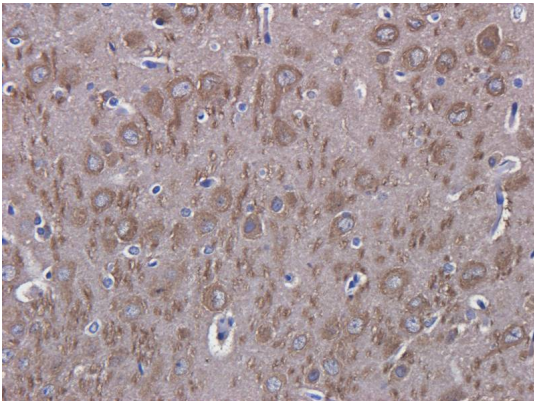
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



IHC-P image of rat spinal cord tissue using LC3 antibody (dilution of primary antibody at 2.5 ug/ml)



Western blot analysis of U251 cells (lane 1), 293T cells (lane 2), mouse brain (lane 3), rat spinal cord (lane 4), rat heart (lane 5), mouse uterus (lane 6), rat bladder (lane 7) using LC3 antibody (1 ug/ml)



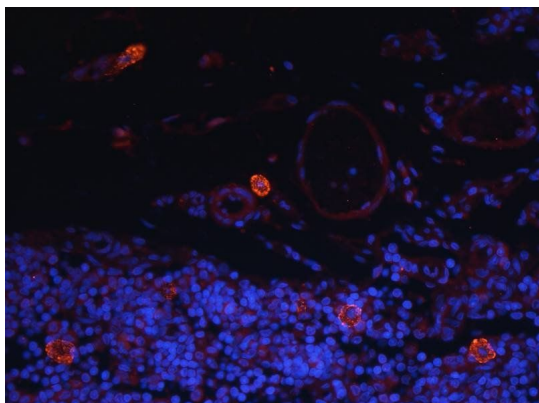
IHC-P staining of rat brain tissue using anti- LC3 (dilution at 2.5 ug/ml)

Biorbyt Ltd.

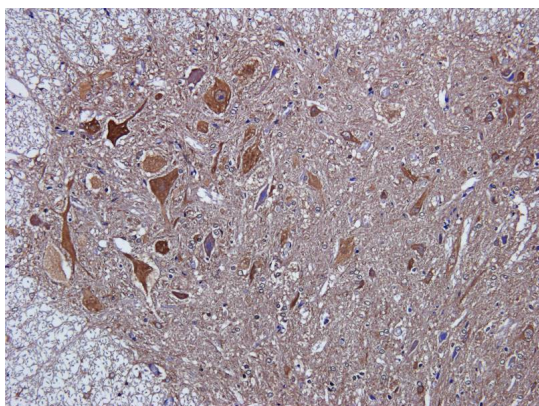
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

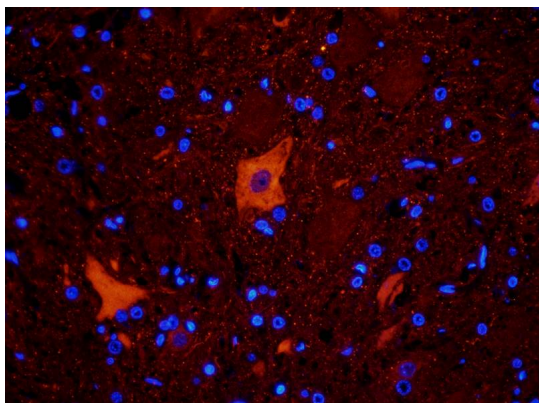
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



IF analysis of rat thymus tissue using LC3 antibody (dilution of primary antibody at 2.5 ug/ml)



Immunohistochemical staining of rat spinal cord tissue using anti- LC3 (dilution of primary antibody - 2.5 ug/ml)



Immunofluorescence analysis of rat spinal cord tissue using LC3 antibody (dilution of primary antibody - 2.5 ug/ml)

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)