

Product Datasheet

CaM Kinase II (phospho Thr286) Antibody (orb1273535)

Catalog Number	orb1273535
Description	CaM Kinase II (phospho Thr286) Antibody
Reactivity	Frog, Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	WB
Immunogen	CaM Kinase II (Thr286) polyclonal antibody was raised against a synthetic phosphopeptide corresponding to amino acid residues surrounding the phosphorylated-Thr286 found in rat brain CaM Kinase II.
Target	Camk2a
Form/Appearance	Liquid
Concentration	batch dependent
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
Application notes	Antibody dilutions and tissue load should be based on tissue type and expected phosphorylation state. Western blots of rat brain lysates with phospho- and dephosphopeptide competition were used to establish the phospho-specificity of the antibody. Applications include Dot Blot (DB) and Western Blot (WB). Dot Blots and Western Blots performed with each lot and working dilutions internally tested under ideal conditions for DB and WB were 1:1000. Suitability for Immunohistochemistry (IHC) has not been determined. Human, mouse, rat and Xenopus have 100% amino acid sequence identity with the antigen used to raise the antibody.

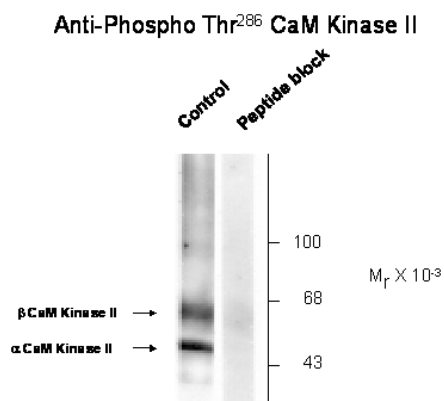
Biorbyt Ltd.

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)

Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	50/60
Uniprot ID	P11275
NCBI	P11275
Expiration Date	12 months from date of receipt.



Western blot of rat cortex lysate showing phosphospecific immunolabeling of the ~50k α-subunit and ~60k β-subunit of the CaM Kinase II protein phosphorylated at Thr286.

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