SNAI 1 (phospho Ser246) rabbit pAb

Cat#: orb770120 (Manual)

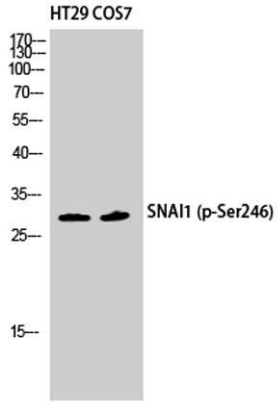
For research use only. Not intended for diagnostic use.

Product Name	SNAI 1 (phospho Ser246) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SNAI1 around the phosphorylation site of Ser246. AA range:215-264
Specificity	Phospho-SNAI 1 (S246) Polyclonal Antibody detects endogenous levels of SNAI 1 protein only when phosphorylated at S246.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Zinc finger protein SNAI1(snail)
Gene Name	SNAI1
Cellular localization	Nucleus . Cytoplasm . Once phosphorylated (probably on Ser-107, Ser-111, Ser-115 and Ser-119) it is exported from the nucleus to the cytoplasm where subsequent phosphorylation of the destruction motif and ubiquitination involving BTRC occurs. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Biorbyt Ltd
7 Signet Court, Swann Road, Cambridge, CB5 8LA. United Kingdom
Email: info@biorbyt.com | Phone: +44 (0)1223 859-353 | Fax: +44 (0)1223 280-240

Biorbyt LLC
68 TW Alexander Drive, Durham, NC 27709. United States
Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

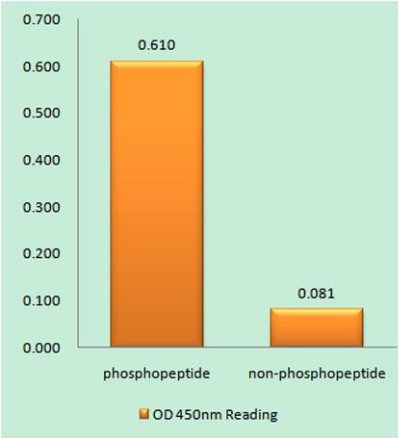
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	29kD
Human Gene ID	6615
Human Swiss-Prot Number	O95863
Alternative Names	SNAI1; SNAH; Zinc finger protein SNAI1; Protein snail homolog 1; Protein sna
Background	snail family transcriptional repressor 1(SNAI1) Homo sapiens The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregulates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by this gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for mesoderm formation in the developing embryo. At least two variants of a similar processed pseudogene have been found on chromosome 2. [provided by RefSeq, Jul 2008],



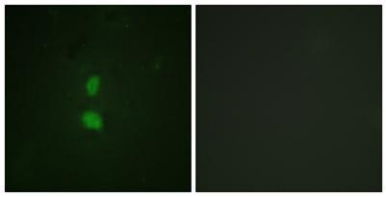
Western Blot analysis of HT29 COS7 cells using Phospho-SNAI 1 (S246) Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

Biorbyt Ltd
7 Signet Court, Swann Road, Cambridge, CB5 8LA. United Kingdom
Email: info@biorbyt.com | Phone: +44 (0)1223 859-353 | Fax: +44 (0)1223 280-240

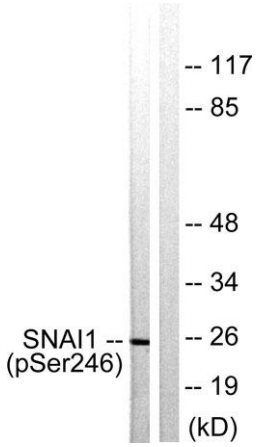
Biorbyt LLC
68 TW Alexander Drive, Durham, NC 27709. United States
Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using SNAI1 (Phospho-Ser246) Antibody



Immunofluorescence analysis of HUVEC cells, using SNAI1 (Phospho-Ser246) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HT29 cells, using SNAI1 (Phospho-Ser246) Antibody. The lane on the right is blocked with the phospho peptide.

Biorbyt Ltd
7 Signet Court, Swann Road, Cambridge, CB5 8LA. United Kingdom
Email: info@biorbyt.com | Phone: +44 (0)1223 859-353 | Fax: +44 (0)1223 280-240

Biorbyt LLC
68 TW Alexander Drive, Durham, NC 27709. United States
Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558