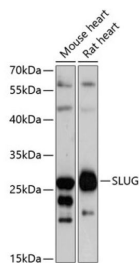


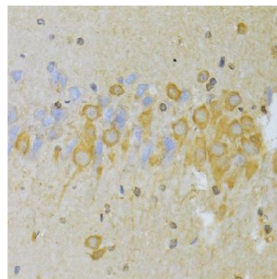
Cat. No:	AB-84208
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 89-268 of human SLUG
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot : 1:500-1:2,000 Immunofluorescence/Immunocytochemistry: 1:50-1: 200 Immunohistochemistry (paraffin, formalin, frozen Tissues): 1:50-1:200
Molecular Weight:	29kDa
Purification:	Aff. Pur.
Synonyms:	SNAI2; SLUG; SLUGH; SLUGH1; SNAIL2; WS2D
Background:	This gene encodes a member of the Snail family of C2H2-type zinc finger transcription factors. The encoded protein acts as a transcriptional repressor that binds to E-box motifs and is also likely to repress E-cadherin transcription in breast carcinoma. This protein is involved in epithelial-mesenchymal transitions and has antiapoptotic activity. Mutations in this gene may be associated with sporadic cases of neural tube defects.
Form:	Liquid
Buffer:	PBS with 0,02% sodium azide, 50% glycerol pH7.3
Storage:	Storage for short term at 4°C recommended, for longer term at -20°C, minimize freeze/thaw cycles



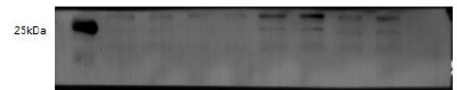
Western blot analysis of extracts of various cell lines, using SLUG antibody at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.

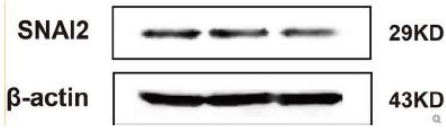
Detection: ECL West Pico Kit
Exposure time: 60s..



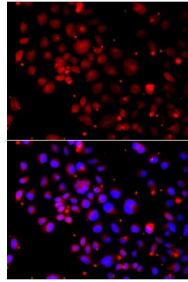
Immunohistochemistry of paraffin-embedded rat brain using SLUG Antibody at dilution of 1:100



Application: Western blot (WB)
Sample mouse cells
Loading Amount 15 ug
Dilution 1:1000
Incubation time over night
Temperature : 4 °C
Exposure: 30s
Observed Band: 25 kDa



Application: Western blot Sample MDA-
MB-231
Loading Amount 15 ug
Dilution 1:2000
Incubation time over night
Temperature 4 °C
Exposure 30s
Observed Band 29 kDa



Immunofluorescence analysis of A549
cells using SLUG antibody. Blue: DAPI for
nuclear staining.

References

Product:SLUG Polyclonal Antibody Journal:Oncology Application:WB IF:2.262

Species:human PMID:29566977

Title:

CO suppresses prostate cancer cell growth by directly targeting LKB1/AMPK/mTOR pathway in vitro and in vivo

Product:SLUG Polyclonal Antibody -Journal:Theranostics Application:WB, IF IF:8.688

Species:Human PMID 30026878

Title:

AP-2 β inhibits hepatocellular carcinoma invasion and metastasis through Slug and Snail to suppress epithelial-mesenchymal transition

Product:SLUG Polyclonal Antibody Journal:Toxicology and applied pharmacology

Application:WB, IF, Co-IP, IF:

Species:Human - PMID:31381904

Title:

The involvement of lipid raft pathway in suppression of TGF β -mediated metastasis by tolfenamic acid in hepatocellular carcinoma cells.

Product:SLUG Polyclonal Antibody -Journal:Cellular signalling

Application:WB, IF, IP IF:3.48 Species:Human

PMID:30953699 -

Title:

Effects of MCRS1 on proliferation, migration, invasion, and epithelial mesenchymal transition of gastric cancer cells by interacting with Pkmyt1 protein kinase.

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