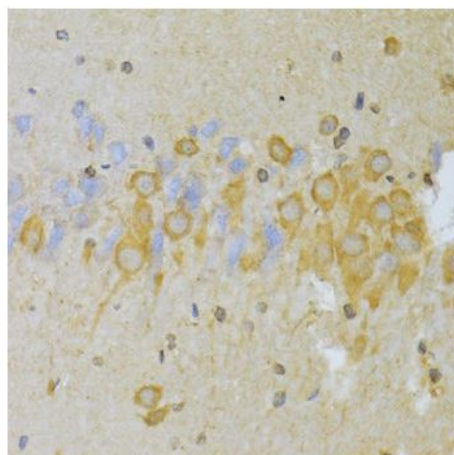


Product name:	SLUG
Cat number:	AB-84208
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 89-268 of human SLUG
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot : 1:500-1:2,000 Immunofluorescence/Immunocytochemistry: 1:50-1: 200 Immunohistochemistry (paraffin, formalin, frozen Tissues): 1:50-1:200
Molecular Weight:	29kDa
Purification:	Aff. Pur.
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
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.



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

25kDa



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

SNAI2



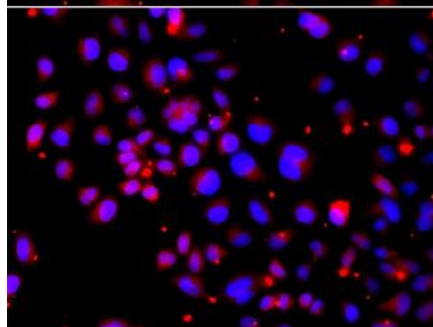
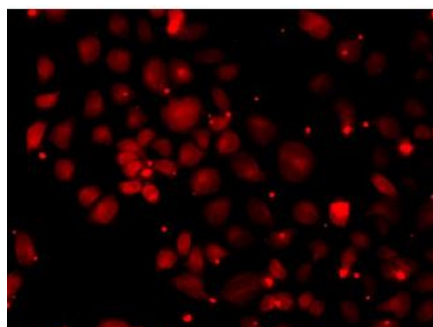
29KD

β-actin



43KD

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.