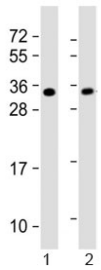
SLUG Antibody / SNAI2 (F47911)

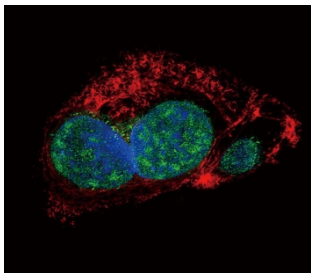
Catalog No.	Formulation	Size
F47911-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47911-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

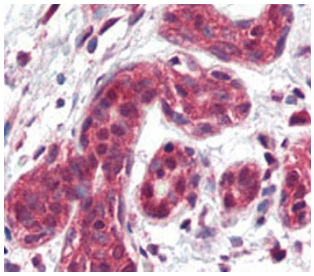
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Bovine
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O43623
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This SLUG antibody is available for research use only.



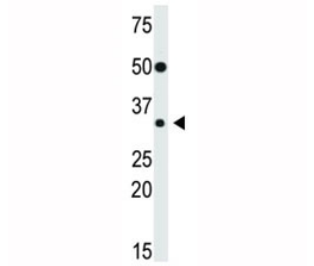
Western blot testing of 1) mouse heart and 2) rat PC-12 lysate with SLUG antibody. Predicted molecular weight ~30 kDa.



Confocal immunofluorescent analysis of SLUG antibody with human HepG2 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).



IHC analysis of FFPE human breast tissue stained with SLUG antibody.



Western blot testing of SLUG antibody and mouse heart lysate. Predicted molecular weight ~30 kDa.

Description

SLUG/SNAI2 is 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 repressE-cadherintranscription 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. [Wiki]

Application Notes

Titration of the SLUG antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 98-129 from human SNAI2 was used as the immunogen for this SLUG antibody.

Storage

Aliquot the SLUG antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.