

Rabbit SLUG Polyclonal Antibody | anti-SNAI2 antibody

SLUG Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283611	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

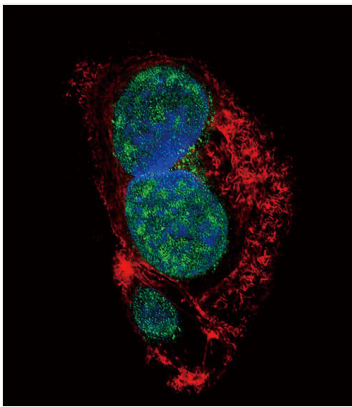
PRODUCT SYNONYMS

SLUG; Polyclonal Antibody; SLUG Antibody (Center); Zinc finger protein SNAI2; Neural crest transcription factor Slug; Protein snail homolog 2; SNAI2; SLUGH; anti-SNAI2 antibody

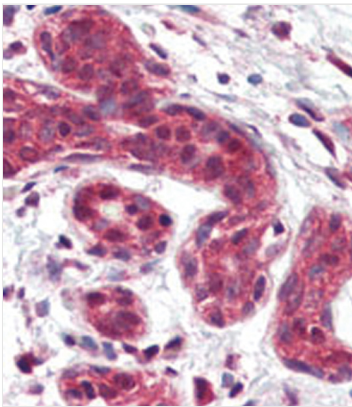
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLUG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-129 amino acids from the Central region of human SLUG.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1 (varies by lot)
Sequence Positions	98-129
Sequence Length	268
Applicable Applications for anti-SNAI2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

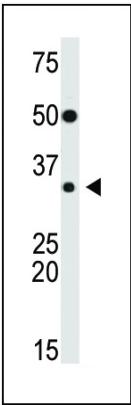
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of SLUG Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human Breast tissue reacted with SLUG Antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
SLUG Antibody (Center) is used in Western blot to detect SLUG in mouse heart tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-SNAI2 antibody	SLUG 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 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.
Product Categories/Family for anti-SNAI2 antibody	Cancer; Cardiovascular; Developmental Biology; Neuroscience; Signal Transduction
References	Sanchez-Martin, M., et al., Hum. Mol. Genet. 11(25):3231-3236 (2002). Hajra, K.M., et al., Cancer Res. 62(6):1613-1618 (2002). Hemavathy, K., et al., Mol. Cell. Biol. 20(14):5087-5095 (2000). Inukai, T., et al., Mol. Cell 4(3):343-352 (1999). Cohen, M.E., et al., Genomics 51(3):468-471 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	11276067
NCBI GeneID	6591
NCBI Accession #	NP_003059.1
NCBI GenBank Nucleotide #	NM_003068.4
UniProt Accession #	O43623; Q53FC1; B2R6P6

Molecular Weight	29986
NCBI Official Full Name	zinc finger protein SNAI2
NCBI Official Synonym Full Names	snail family zinc finger 2
NCBI Official Symbol	SNAI2
NCBI Official Synonym Symbols	SLUG; WS2D; SLUGH1; SNAIL2
NCBI Protein Information	zinc finger protein SNAI2
UniProt Protein Name	Zinc finger protein SNAI2
UniProt Gene Name	SNAI2
UniProt Synonym Gene Names	SLUG; SLUGH
UniProt Entry Name	SNAI2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slug-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/283611>