

Rabbit anti-Human, Mouse Slug Polyclonal Antibody | anti-SNAI2 antibody

Slug Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39275	Rabbit	Human, Mouse	Immunofluorescence, Western Blot, ELISA

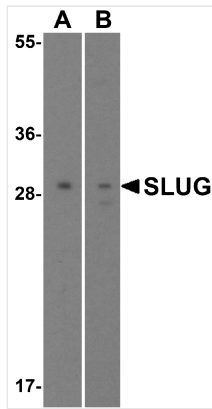
PRODUCT SYNONYMS

Slug; Polyclonal Antibody; Slug Antibody; SLUG; WS2D; SLUGH1; SNAI2; SLUGH; Zinc finger protein SNAI2; Neural crest transcription factor Slug; snail homolog 2 (Drosophila); anti-SNAI2 antibody

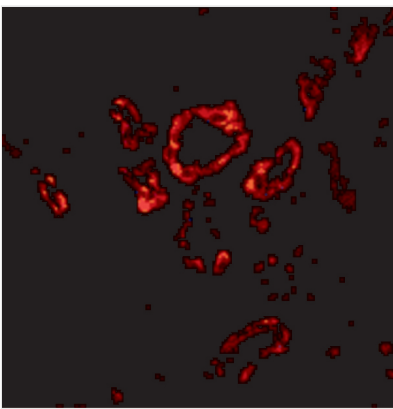
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Slug Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	268
Applicable Applications for anti-SNAI2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Slug antibody was raised against a 13 amino acid synthetic peptide from near the center of human Slug.
Buffer	Slug Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Slug antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

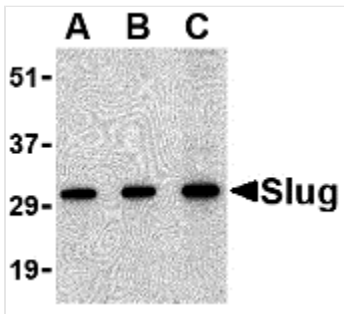
IMAGES



WB (Western Blot)
Western blot analysis of SLUG expression in (A) human and (B) mouse kidney tissue lysate with SLUG antibody at 0.5 µg/mL.



IF (Immunofluorescence)
Immunofluorescence of Slug in human kidney tissue with Slug antibody at 20 µg/mL.



WB (Western Blot)
Western blot analysis of Slug in 293 cell lysate with Slug antibody at in (A) 0.5, (B) 1 and (C) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SNAI2 antibody

Slug Antibody: Slug, a member of the Snail family of C2H2-type zinc finger transcription factors, was initially identified to be involved in epithelial-mesenchymal transitions as well as the formation of the neural tube during vertebrate embryogenesis. Like Snail, Slug transcription can be induced by growth factors such as FGF, BMP, and TGF-beta. Once expressed, Slug will bind E-box regions of promoters and repress transcription of genes such as E-cadherin and Claudin-. More recently, its expression in breast, esophageal, and colorectal carcinomas has been correlated with poor prognosis for survival. Furthermore, Slug can protect hemapoietic progenitor cells from radiation-induced apoptosis by repressing the p53-mediated transcription of Puma, a BH3-only antagonist of the anti-apoptotic members of the Bcl-2 family. Slug antibody has no cross-reactivity to Snail protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11134406
NCBI GeneID	6591
UniProt Accession #	O43623; Q53FC1; B2R6P6
Molecular Weight	29,986 Da
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; SNAI2

NCBI Protein Information	zinc finger protein SNAI2; snail homolog 2; protein snail homolog 2; neural crest transcription factor SLUG; slug (chicken homolog), zinc finger protein
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-western-blot-elisa/39275>