

Rabbit anti-Mouse SLUG Polyclonal Antibody | anti-SLUG antibody

RABBIT ANTI SLUG

CATALOG # AAA49933	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
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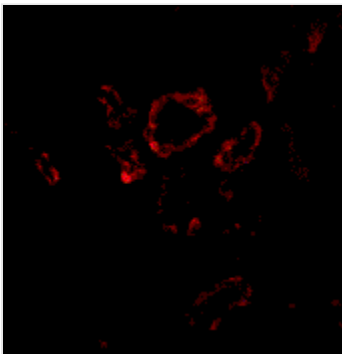
PRODUCT SYNONYMS

SLUG; Polyclonal Antibody; RABBIT ANTI SLUG; anti-SLUG antibody

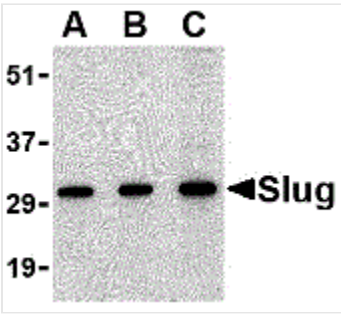
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	268
Applicable Applications for anti-SLUG antibody	WB (Western Blot)
Perservative Stabilisers	0.02% Sodium Azide
Immunogen	13 amino acid peptide sequence near the centre of human Slug. Buffer Solution
Antiserum Preparation	Antisera to human Slug were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunofluorescence staining of human kidney with Rabbit anti Human Slug (AAA49933)



Application Data
Western blot analysis of whole cell lysate from HEK293 human epithelial kidney cells probed with Rabbit anti Human Slug (AAA49933) at 0.5(A), and 1(B) and 2(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SLUG antibody	Rabbit anti Slug antibody detects Slug, a member of the Snail family of zinc finger transcription factors, whose expression is induced by FGF, BMP, and TGF-beta. Slug is a 29kD transcriptional repressor, which functions by binding to E-box motifs and inhibiting gene expression by recruiting histone deacetylase-1 (HDAC-1). Slug controls the expression of a wide variety of genes including TP53, BRCA2, PUM and CDH1, and has important roles in apoptosis and epithelial-mesenchymal transition. It is also thought to function in neural crest development. Slug expression in breast, oesophageal, and colorectal carcinomas has been correlated with poor prognosis for survival. Rabbit anti Slug antibody is not cross-reactive with Snail.
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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	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; neural crest transcription factor SLUG; protein snail homolog 2; 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.