

Rabbit SNAI2 Polyclonal Antibody | anti-SNAI2 antibody

SNAI2 Polyclonal Antibody

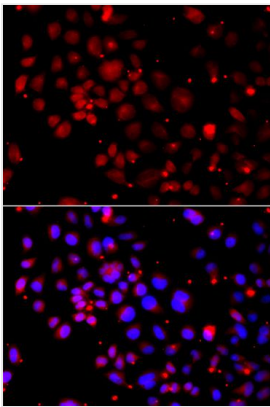
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10674	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

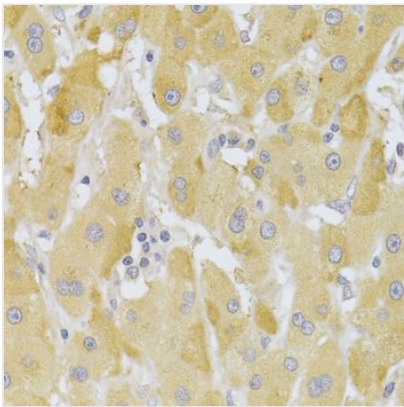
SNAI2; Polyclonal Antibody; SNAI2 Polyclonal Antibody; MGC10182; SLUG; SLUGH1; WS2D; anti-SNAI2 antibody

PRODUCT SPECIFICATIONS

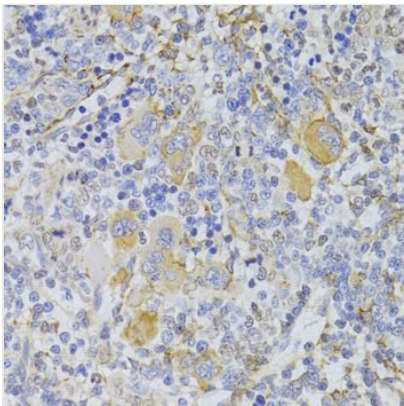
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	268
Applicable Applications for anti-SNAI2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human SNAI2
Calculated Molecular Weight	30kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



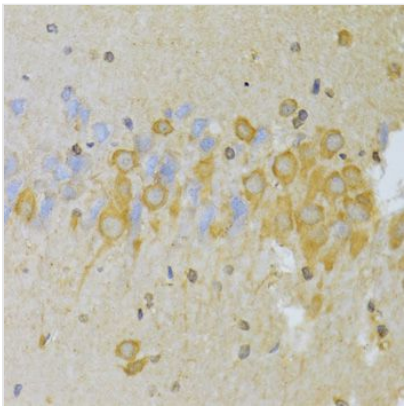
IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using SNAI2 antibody. Blue: DAPI for nuclear staining.



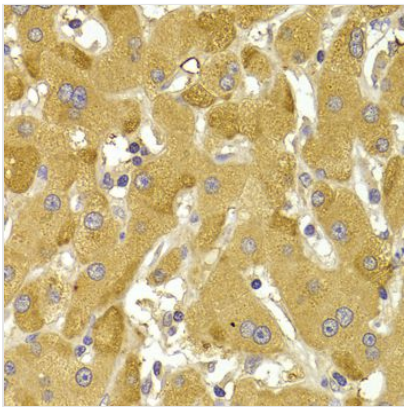
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using SNAI2 Antibody at dilution of 1:100 (40x lens).



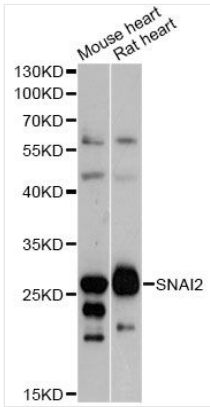
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat spleen using SNAI2 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using SNAI2 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver injury using SNAI2 Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SNAI2 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 Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-SNAI2 antibody	Slug (SNAI2) is a widely expressed transcriptional repressor and member of the Snail family of zinc finger transcription factors (1). Similar to the related Snail protein, Slug binds to the E-cadherin promoter region to repress transcription during development (2). The binding of Slug to integrin promoter sequences represses integrin expression and results in reduced cell adhesion (3). Down regulation of E-cadherin expression occurs during the epithelial-mesenchymal transition during embryonic development, a process also exploited by invasive cancer cells (4,5). The tumor suppressor protein p53 induces Slug expression in gamma-irradiated cells; Slug protects damaged cells from apoptosis by repressing p53-induced transcription of the proapoptotic Bcl-2 family protein Puma (6). Deletion mutations in the corresponding Slug gene are associated with the pigmentation disorders Waardenburg Syndrome and Piebaldism, while a genetic duplication resulting in Slug overexpression is associated with a collection of congenital heart defects termed tetralogy of Fallot (7).
Product Categories/Family for anti-SNAI2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	11134406
NCBI GeneID	6591
UniProt Accession #	O43623; Q53FC1; B2R6P6
Molecular Weight	268
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/snai2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10674>