

Datasheet for ABIN357448
anti-SLUG antibody (N-Term)



[Go to Product page](#)

1 Image 6 Publications

Overview

Quantity:	0.4 mL
Target:	SLUG (SNAI2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLUG antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human SLUG.
Isotype:	Ig Fraction
Specificity:	This antibody detects SLUG at N-term.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	SLUG (SNAI2)
Alternative Name:	SNAI2 / SLUG (SNAI2 Products)
Background:	SLUG is a member of the Snail family of C2H2-type zinc finger transcription factors. This

Target Details

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 the gene encoding SLUG may be associated with sporadic cases of neural tube defects. Synonyms: Neural crest transcription factor Slug, Protein snail homolog 2, SLUGH, Zinc finger protein SNAI2

Molecular Weight: 29986 Da

Gene ID: 6591, 9606

UniProt: [O43623](#)

Application Details

Application Notes: ELISA 1: 1,000. Western blot 1: 50 - 1: 100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

Publications

Product cited in: Liang, Wang, Li, Yu, Zhang, Li: "miR-33a suppresses the nuclear translocation of β -catenin to enhance gemcitabine sensitivity in human pancreatic cancer cells." in: **Tumour biology**, (2015) ([PubMed](#)).

Publications

Huang, Chen, Chang, Yuan, Jeng: "Hepatocyte growth factor activates Wnt pathway by transcriptional activation of LEF1 to facilitate tumor invasion." in: **Carcinogenesis**, Vol. 33, Issue 6, pp. 1142-8, (2012) ([PubMed](#)).

Collado, Thiede, Baker, Askew, Igbani, Corwin: "The postnatal accumulation of junctional E-cadherin is inversely correlated with the capacity for supporting cells to convert directly into sensory hair cells in mammalian balance organs." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 31, Issue 33, pp. 11855-66, (2011) ([PubMed](#)).

Fu, Lv, Lin, Wu, Wang, Zhou, Zhang, Wang, Tsang, Zhu, Wang: "Ubiquitin ligase cullin 7 induces epithelial-mesenchymal transition in human choriocarcinoma cells." in: **The Journal of biological chemistry**, Vol. 285, Issue 14, pp. 10870-9, (2010) ([PubMed](#)).

Bitoun, Oliver, Davies: "The mixed-lineage leukemia fusion partner AF4 stimulates RNA polymerase II transcriptional elongation and mediates coordinated chromatin remodeling." in: **Human molecular genetics**, Vol. 16, Issue 1, pp. 92-106, (2007) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

Images

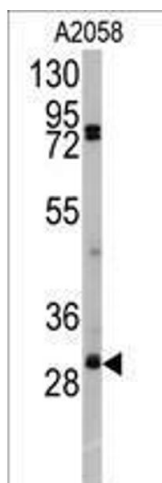


Image 1.