

Datasheet for ABIN388808
anti-SLUG antibody (N-Term)



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Overview

Quantity:	400 µL
Target:	SLUG
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLUG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SLUG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SLUG.
Clone:	RB15389
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SLUG
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Target Details

Abstract:	SLUG Products
Background:	SLUG is a member of the Snail family of C2H2-type zinc finger transcription factors. This 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.
Molecular Weight:	29986
NCBI Accession:	NP_003059
UniProt:	O43623

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C.
Expiry Date:	6 months

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).
	Huo, Kao, Chuu: "Androgen receptor inhibits epithelial-mesenchymal transition, migration, and invasion of PC-3 prostate cancer cells." in: Cancer letters , Vol. 369, Issue 1, pp. 103-11, (2015) (

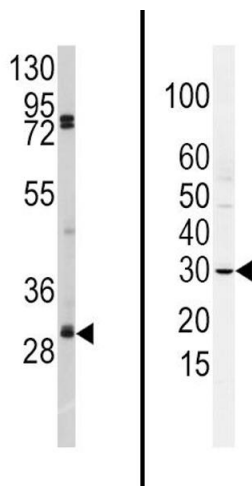
[PubMed](#)).

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](#)).

Images



Western Blotting

Image 1. (LEFT)Western blot analysis of anti-SLUG Antibody (N-term K9) Pab (ABIN388808 and ABIN2839127) in cell line lysates (35 µg/lane). SLUG(arrow) was detected using the purified Pab.(RIGHT)Western blot analysis of SLUG Antibody (N-term K9) (ABIN388808 and ABIN2839127) in HCSMC cell line lysates (35 µg/lane).SLUG (arrow) was detected using the purified Pab.