

Rabbit TUSC4 Polyclonal Antibody | anti-NPRL2 antibody

TUSC4 antibody - N-terminal region

CATALOG # AAA200101	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

TUSC4; Polyclonal Antibody; TUSC4 antibody - N-terminal region; anti-NPRL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: MGSGCRICIFFSEFHPTLGPKITYQVPEDFISRELFDTVQVYIITKPEL
Sequence Length	380
Applicable Applications for anti-NPRL2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TUSC4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TUSC4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: OVCAR-3 cell lysate
NPRL2 is supported by BioGPS gene expression data to be expressed in OVCAR3



IHC (Immunohistochemistry)

Rabbit Anti-TUSC4 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver
Observed Staining: Cytoplasm in hepatocytes, moderate signal, very low tissue distribution
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-NPRL2 antibody	This is a rabbit polyclonal antibody against TUSC4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TUSC4 suppresses Src-dependent tyrosine phosphorylation and activation of PDPK1 and its downstream signaling. TUSC4 down-regulates PDPK1 kinase activity by interfering with tyrosine phosphorylation at the Tyr-9 Tyr-373 and Tyr-376 residues. TUSC4 may act as a tumor suppressor. TUSC4 suppresses cell growth and enhanced sensitivity to various anticancer drugs.
Product Categories/Family for anti-NPRL2 antibody	Polyclonal; Cell Cycle Proteins; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	50592992
NCBI GeneID	10641
NCBI Accession #	NP_006536
NCBI GenBank Nucleotide #	NM_006545
UniProt Accession #	Q8WTW4
Molecular Weight	44kDa
NCBI Official Full Name	GATOR complex protein NPRL2
NCBI Official Synonym Full Names	NPR2 like, GATOR1 complex subunit
NCBI Official Symbol	NPRL2
NCBI Official Synonym Symbols	NPR2; NPR2L; TUSC4; FFEVF2
NCBI Protein Information	GATOR complex protein NPRL2
UniProt Protein Name	Nitrogen permease regulator 2-like protein
UniProt Gene Name	NPRL2
UniProt Synonym Gene Names	TUSC4; NPR2-like protein; G21 protein
UniProt Entry Name	NPRL2_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/tusc4-antibody-western-blot-immunohistochemistry-elisa/200101>