

Rabbit NPRL2 Polyclonal Antibody | anti-NPRL2 antibody

NPRL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304392	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

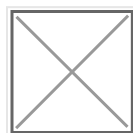
PRODUCT SYNONYMS

NPRL2; Polyclonal Antibody; NPRL2 Antibody; NPR2; NPR2L; TUSC4; anti-NPRL2 antibody

PRODUCT SPECIFICATIONS

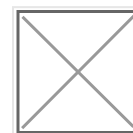
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total NPRL2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	380
Applicable Applications for anti-NPRL2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NPRL2.
Target Name	NPRL2
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using TUSC4 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NPRL2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NPRL2 antibody	Suppresses Src-dependent tyrosine phosphorylation and activation of PDPK1 and its downstream signaling. Down-regulates PDPK1 kinase activity by interfering with tyrosine phosphorylation at 'Tyr-9', 'Tyr-373' and 'Tyr-376' residues. May act as a tumor suppressor. Suppresses cell growth and enhances sensitivity to various anticancer drugs. As a component of the GATOR1 complex, inhibitor of the amino acid-sensing branch of the TORC1 pathway. The GATOR1 complex strongly increases GTP hydrolysis by RRAGA and RRAGB within RRAGC-containing heterodimers, thereby deactivating RRAGs, releasing mTORC1 from lysosomal surface and inhibiting mTORC1 signaling.
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Product Categories/Family for anti-NPRL2 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	50592992
NCBI GeneID	10641
NCBI Accession #	NP_006536.3
NCBI GenBank Nucleotide #	NM_006545.4
UniProt Accession #	Q8WTW4; Q6FGS2; Q9Y249; Q9Y497; A8K831
Molecular Weight	23,150 Da
NCBI Official Full Name	nitrogen permease regulator 2-like protein
NCBI Official Synonym Full Names	NPR2-like, GATOR1 complex subunit
NCBI Official Symbol	NPRL2
NCBI Official Synonym Symbols	NPR2; NPR2L; TUSC4
NCBI Protein Information	nitrogen permease regulator 2-like protein
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/nprl2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/304392>