

Rabbit anti-Human, Mouse Nitrogen permease regulator 2-like protein Polyclonal Antibody | anti-NPRL2 antibody

Rabbit anti-human Nitrogen permease regulator 2-like protein polyclonal Antibody(NPRL2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118772	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

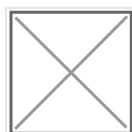
PRODUCT SYNONYMS

Nitrogen permease regulator 2-like protein; Polyclonal Antibody; Rabbit anti-human Nitrogen permease regulator 2-like protein polyclonal Antibody(NPRL2); NPR2-like protein; Gene 21 protein; G21 protein; Tumor suppressor candidate 4; NPRL2; TUSC4; anti-NPRL2 antibody

PRODUCT SPECIFICATIONS

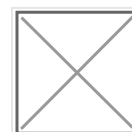
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	380
Applicable Applications for anti-NPRL2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Nitrogen permease regulator 2-like protein (1-220aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54487 / sc-54638 / sc-292095
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



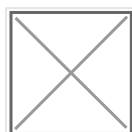
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA118772 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectum using AAA118772 at dilution 1:100



WB (Western Blot)

All lanes: Nitrogen permease regulator 2-like protein antibody at 7ug/ml+mouse skeletal muscle tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 44,24 kDaObserved band size: 44 kDa

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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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nitrogen-permease-regulator-2-like-protein-antibody-immunohistochemistry-western-blot-elisa/118772>