Rabbit NPRL2 Polyclonal Antibody | anti-NPRL2 antibody

NPRL2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168086	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.8mg/mL (varies by lot)
Sequence Length	380
Applicable Applications for anti-NPRL2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human NPRL2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human brain using NPRL2 Polyclonal Antibody at dilution of 1:40

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer using NPRL2 Polyclonal Antibody at dilution of 1:40

WB (Western Blot)
Western Blot analysis of Human fetal muscle and Mouse skeletal muscle tissue using NPRL2 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-NPRL2 antibody	NPRL2, also known as TUSC4 (tumor suppressor candidate 4), is a 380 amino acid protein that contains a bipartite nuclear localization signal and a granulin protein-binding domain. It is highly expressed in skeletal muscle, followed by brain, liver and pancreas, with lower expression in lung, kidney, placenta and heart. NPRL2 is also expressed in most lung cancer cell lines and may be involved in tumor suppression. NPRL2 may play a role in mismatch repair, cell cycle checkpoint signaling and activation of apoptotic pathways. It may also enhance the therapeutic efficacy of chemotherapy drugs such as cis-platin by resensitizing patients resistant to cisplatin treatment. The gene encoding NPRL2 is conserved between species and is expressed as two isoforms due to alternative splicing events.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50592992
NCBI GeneID	10641
NCBI Accession #	NP_006536.3
NCBI GenBank Nucleotide #	NM_006545.4
Molecular Weight	23,150 Da
NCBI Official Full Name	nitrogen permease regulator 2-like protein
NCBI Official Synonym Full Names	nitrogen permease regulator-like 2 (S. cerevisiae)
NCBI Official Symbol	NPRL2
NCBI Official Synonym Symbols	NPR2; NPR2L; TUSC4
NCBI Protein Information	nitrogen permease regulator 2-like protein; 2810446G01Rik; G21 protein; NPR2-like protein; gene 21 protein; homologous to yeast nitrogen permease (candidate tumor suppressor); tumor suppressor candidate 4
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-immunohistochemistry-western-blot-elisa/168086