Product Name: NPRL2 Rabbit Polyclonal Antibody
Catalog #: APRab14847

Summary

Production Name	NPRL2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NPRL2
Alternative Names	NPRL2; TUSC4; Nitrogen permease regulator 2-like protein; NPR2-like protein; Gene 21 protein; G21 protein; Tumor suppressor candidate 4
Gene ID	10641.0
SwissProt ID	Q8WTW4.Synthesized peptide derived from the C-terminal region of human NPRL2.

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:20000.
Molecular Weight	43kD

Background

function:Suppresses Src-dependent tyrosine phosphorylation and activation of PDPK1 and its downstream signaling.

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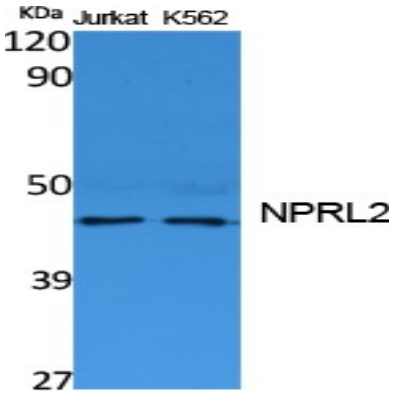
Down-regulates PDPK1 kinase activity by interfering with tyrosine phosphorylation at the Tyr-9 Tyr-373 and Tyr-376 residues. May act as a tumor suppressor. Suppresses cell growth and enhanced sensitivity to various anticancer drugs.,similarity:Belongs to the NPR2 family.,subunit:Interacts with PDPK1.,tissue specificity:Most abundant in skeletal muscle, followed by brain, liver and pancreas, with lower amounts in lung, kidney, placenta and heart. Expressed in most lung cancer cell lines tested.,function:Suppresses Src-dependent tyrosine phosphorylation and activation of PDPK1 and its downstream signaling. Down-regulates PDPK1 kinase activity by interfering with tyrosine phosphorylation at the Tyr-9 Tyr-373 and Tyr-376 residues. May act as a tumor suppressor. Suppresses cell growth and enhanced sensitivity to various anticancer drugs.,similarity:Belongs to the NPR2 family.,subunit:Interacts with PDPK1.,tissue specificity:Most abundant in skeletal muscle, followed by brain, liver and pancreas, with lower amounts in lung, kidney, placenta and heart. Expressed in most lung cancer cell lines tested.,

Research Area

Image Data



Western Blot analysis of extracts from Jurkat, K562 cells, using NPRL2 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Note

For research use only.