

Datasheet for ABIN955400

anti-NPRL2 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	NPRL2
Binding Specificity:	AA 345-373, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPRL2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 345-373 amino acids from the C-terminal region of human NPRL2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to NPRL2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	NPRL2
Alternative Name:	TUSC4 / NPRL2 (NPRL2 Products)

Target Details

Background: 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. Synonyms: Gene 21 protein, NPR2-like, Tumor suppressor candidate 4

Molecular Weight: 43658 Da

Gene ID: 10641

NCBI Accession: [NP_006536](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % (W/V) sodium azide

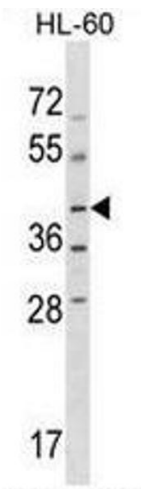
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. NPRL2 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35µg/lane). This demonstrates the NPRL2 antibody detected the NPRL2 protein (arrow).