

Product datasheet

NPRL2 overexpression 293T lysate (whole cell) ab94323

[2 Images](#)

Overview

Product name	NPRL2 overexpression 293T lysate (whole cell)
General notes	ab94323 is a 293T cell transfected lysate in which Human NPRL2 has been transiently over-expressed using a pCMV-NPRL2 plasmid. The lysate is provided in 1 x Sample Buffer.
Tested applications	Suitable for: WB

Properties

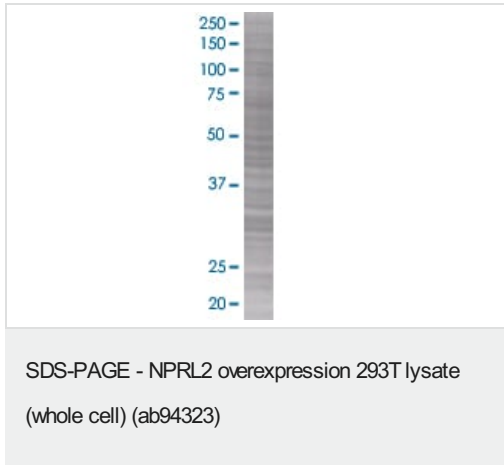
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	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. 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. Similarity: Belongs to the NPR2 family.

Applications

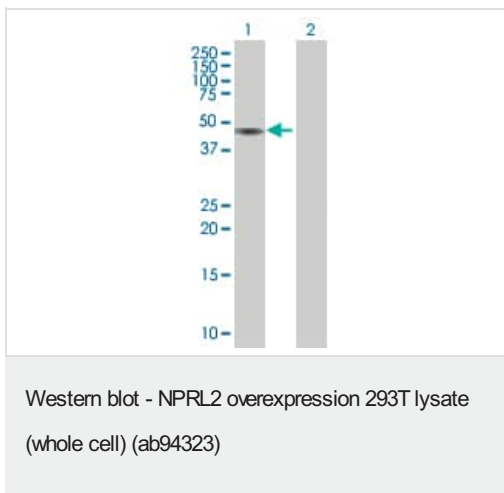
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94323 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94323 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-NPRL2 antibody ([ab88691](#)) at 1/500 dilution

Lane 1 : NPRL2 overexpression 293T lysate (whole cell)
(ab94323)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at
1/2500 dilution

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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