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Product datasheet for AP53761PU-N

RTN4IP1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Flow Cytometry: 1/10-1/50. Immunohistochemistry: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 338-367 amino acids from the C-terminal region of Human RT4I1
Specificity:	Recognizes RT4I1 (C-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide Affinity purification
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	reticulon 4 interacting protein 1
Database Link:	Entrez Gene 84816 Human Q8WWV3

View online »

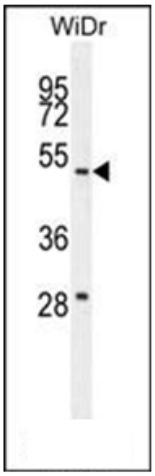
Background: This gene encodes a novel mitochondrial protein that interacts with reticulon 4, which is a potent inhibitor of regeneration following spinal cord injury. The interaction of reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon-induced inhibition of neurite growth.

Synonyms: NIMP

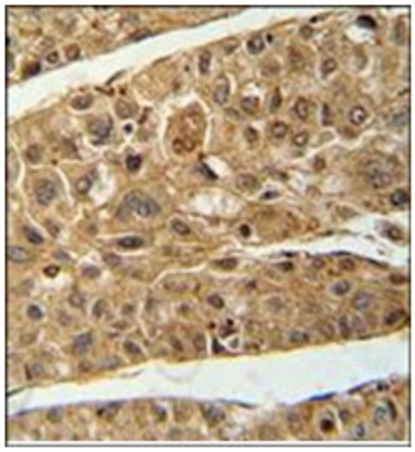
Note: **Molecular Weight:** 43590 Da

Protein Families: Druggable Genome

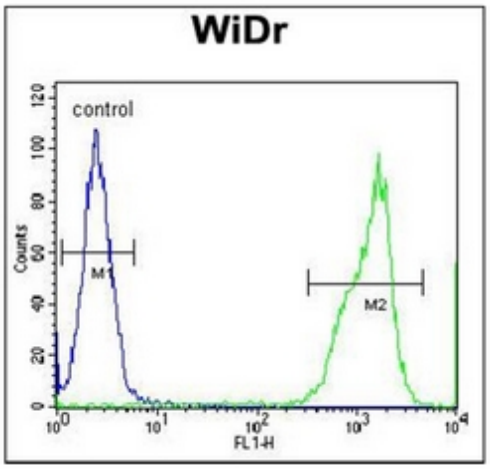
Product images:



Western blot analysis in WiDr cell line lysates (35 ug/lane) using RT4I1 Antibody (C-term). This demonstrates the RT4I1 antibody detected the RT4I1 protein (arrow).



Immunohistochemistry analysis in Formalin Fixed and Paraffin Embedded Human hepatocarcinoma using RT4I1 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RT4I1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry analysis of WiDr cells using RT4I1 Antibody (C-term) (Right histogram) compared to a negative control cell (Left histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.