

Product datasheet for **AP53771PU-N**

RUSC2 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Immunohistochemistry: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 315-344 amino acids from the N-terminal region of Human RUSC2
Specificity:	Recognizes RUSC2 (N-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:	RUN and SH3 domain containing 2
Database Link:	Entrez Gene 9853 Human Q8N2Y8



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Background:

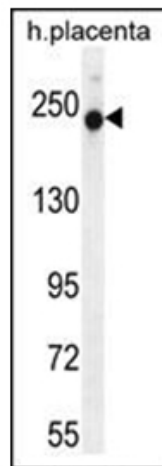
RUSC2, also known as Iporin, shares with the related protein RUSC1 a common domain structure of RUN, leucine zipper and SH3 domain in addition to over 30% amino acid identity. RUSC2 is a rab1-interacting protein that also interacts with GM130, another rab1-interacting protein. RUSC2 interacts with specific rab1 isoforms with different rab-binding specificity. It has been suggested that RUSC2 may function as a link between the targeting of ER derived vesicles triggered by the rab1 GTPase and a signaling pathway composed of proteins containing SH3 and/or poly-proline regions.

Synonyms:

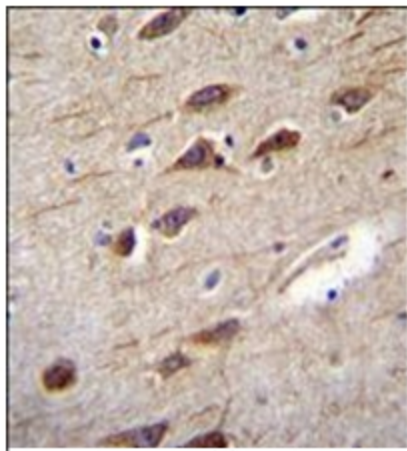
KIAA0375, Interacting protein of Rab1

Note:

Molecular Weight: 161195 Da

Product images:


Western blot analysis in Human Placenta tissue lysates (35 ug/lane) using RUSC2 Antibody (N-term). This demonstrates the RUSC2 antibody detected the RUSC2 protein (arrow).



Immunohistochemistry analysis in Formalin Fixed, Paraffin embedded Human brain tissue stained with RUSC2 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RUSC2 Antibody (N-term) for Immunohistochemistry. Clinical relevance has not been evaluated.