

RUSC2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12095a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8N2Y8
Other Accession	NP_055621.1 , NP_001129471.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB20241
Calculated MW	161225
Antigen Region	308-336

Additional Information

Gene ID	9853
Other Names	Iporin, Interacting protein of Rab1, RUN and SH3 domain-containing protein 2, RUSC2, KIAA0375
Target/Specificity	This RUSC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 308-336 amino acids from the N-terminal region of human RUSC2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RUSC2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RUSC2 {ECO:0000303 PubMed:27612186, ECO:0000312 HGNC:HGNC:23625}
Function	Associates with the adapter-like complex 4 (AP-4) and may therefore play a role in vesicular trafficking of proteins at the trans-Golgi network.

Cellular Location

Cytoplasm, cytosol. Cell membrane. Note=Cytosolic punctate distribution. Also observed in the perinuclear region. Colocalizes with RAB35 at the membrane protrusions of HEK293T cells (PubMed:30905672)

Tissue Location

Widely expressed, with highest levels in brain and testis.

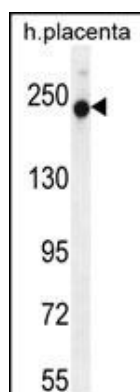
References

Olsen, J.V., et al. Cell 127(3):635-648(2006)

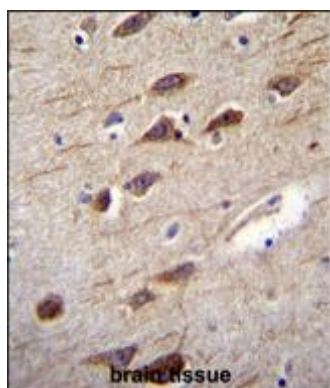
Olsen, J.V., et al. Cell 127(3):635-648(2006)

Bayer, M., et al. BMC Cell Biol. 6 (1), 15 (2005) :

Images



RUSC2 Antibody (N-term) (Cat. #AP12095a) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the RUSC2 antibody detected the RUSC2 protein (arrow).



RUSC2 Antibody (N-term) (Cat. #AP12095a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue 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.

Citations

- [Members of the Rusc protein family interact with Sufu and inhibit vertebrate Hedgehog signaling.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.