

RUSC2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12095a**Specification**

RUSC2 Antibody (N-term) - Product Information

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

RUSC2 Antibody (N-term) - 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

IHC-P~~1:50~100

WB~~1:1000

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.

RUSC2 Antibody (N-term) - 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

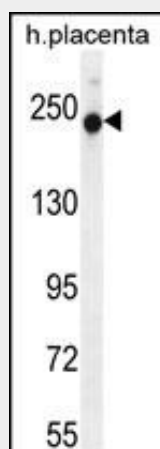
Widely expressed, with highest levels in brain and testis.

RUSC2 Antibody (N-term) - Protocols

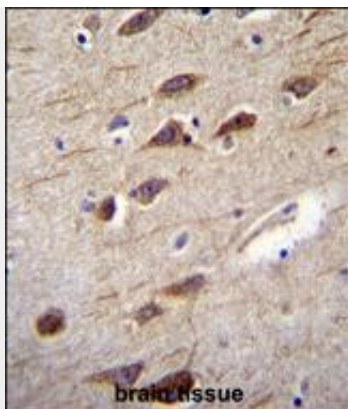
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RUSC2 Antibody (N-term) - 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.

RUSC2 Antibody (N-term) - 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) :

RUSC2 Antibody (N-term) - Citations

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