

Anti-RUSC2 (RABBIT) Antibody - 600-401-ED1

Code: 600-401-ED1

Size: 100 µg

Product Description: Anti-RUSC2 (RABBIT) Antibody - 600-401-ED1

Concentration: 1 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Rabbit
Gene Name	RUSC2
Species Reactivity	Human
Buffer	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.02% (w/v) Sodium Azide
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	RUSC2 Antibody, Iporin, KIAA0375, Iporin, Interacting protein of Rab1
Application Note	Anti-RUSC2 Antibody has been tested for use in ELISA, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 161 kDa in Western Blots of specific cell lysates and tissues.
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.
Purity And Specificity	Anti-RUSC2 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least three isoforms are known to exist; this antibody will only detect the longest isoform. This antibody is predicted to not cross-react with RUSC1.
ELISA	1:50,000
Western Blot	5 g/mL
Immunohistochemistry	5 g/mL
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Anti-RUSC2 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid synthetic peptide from near the C-terminus of human RUSC2.

Related Products

200-301-401	Anti-AKT (MOUSE) Monoclonal Antibody - 200-301-401
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50
MB-070	Blocking Buffer for Fluorescent Western Blotting - MB-070

Related Links

UniProtKB - Q8N2Y8

<http://www.uniprot.org/uniprot/Q8N2Y8>

UniProtKB - P59594

<http://www.uniprot.org/uniprot/P59594>

GeneID - 9853

<http://www.ncbi.nlm.nih.gov/gene/9853>

GeneID - 1489668 <http://www.ncbi.nlm.nih.gov/gene/1489668>

NCBI - NP_001098673

http://www.ncbi.nlm.nih.gov/protein/NP_001098673

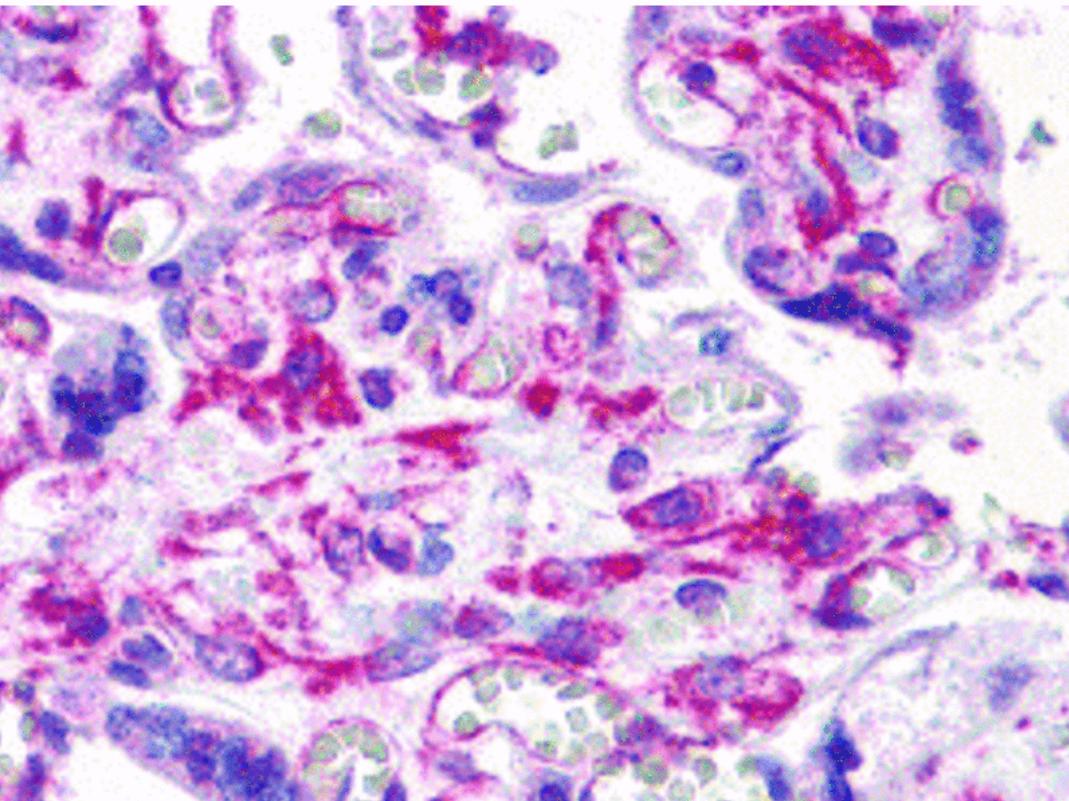
NCBI - P59594

<http://www.ncbi.nlm.nih.gov/protein/P59594>

Images

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Immunohistochemistry of RUSC2 antibody. Tissue: human placenta tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: RUSC2 antibody at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: RUSC2 is cytoplasmic. Staining: RUSC2 as precipitated red signal with purple nuclear counterstain.



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.