Rabbit anti-Human Rubicon Polyclonal Antibody | anti-RUBCN antibody

Rubicon Antibody: Biotin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104198	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Rubicon; Polyclonal Antibody; Rubicon Antibody: Biotin; Rabbit Anti-Human Rubicon Polyclonal; Run domain Beclin-1-interacting and cysteine-rich domain-containing protein Antibody; KIAA0226 Antibody; Rubicon Antibody; Baron Antibody; RUBCN Antibody; Beclin-1 associated RUN domain containing protein Antibody; anti-RUBCN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Detects ~95 kDa.
Purity/Purification	Peptide Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	927
Applicable Applications for anti-RUBCN antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Target	Rubicon
Immunogen	Synthetic peptide from the N-terminal of Human Rubicon
Immunogen Species	Human
Cellular Localization	Late Endosome; Lysosome; Early Endosome
Conjugate	Biotin
Storage Buffer	PBS, 50% glycerol, 0.09% sodium azide
Preparation and Storage	Store at -20 degree C.

IMAGES

WB (Western Blot)
Western blot analysis of Human Cervical cancer cell line (HeLa) lysate showing detection of ~108 kDa Rubicon protein using Rabbit Anti-Rubicon Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: HeLa cell lysates. Load: 15 ug. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-Rubicon Polyclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:1000 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~108 kDa.

IHC (Immunohiostchemistry)
Immunohistochemistry analysis using Rabbit Anti-Rubicon Polyclonal Antibody . Tissue: Tonsil. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-Rubicon Polyclonal Antibody at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 20X. HRP-DAB Detection.

ICC (Immunocytochemistry)
Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-Rubicon Polyclonal Antibody . Tissue: Colon carcinoma cell line (RKO). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-Rubicon Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Late Endosome, Lysosome, Early Endosome . Magnification: 60X. (A) DAPI nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Rubicon Antibody. (D) Composite.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RUBCN antibody	Antibodies; Cardiovascular System; Heart; Cancer; Autophagy; Cell Signaling; Metabolism; Metabolism processes

NCBI AND UNIPROT INFORMATION

NCBI GI #	224548938
NCBI GeneID	9711
NCBI Accession #	NP_001139114.1
NCBI GenBank Nucleotide #	NM_001145642.4
UniProt Accession #	Q92622; Q96CK5
Molecular Weight	102,506 Da
NCBI Official Full Name	run domain Beclin-1-interacting and cysteine-rich domain-containing protein isoform 1
NCBI Official Synonym Full Names	RUN and cysteine rich domain containing beclin 1 interacting protein
NCBI Official Symbol	RUBCN
NCBI Official Synonym Symbols	SCAR15; RUBICON; KIAA0226
NCBI Protein Information	run domain Beclin-1-interacting and cysteine-rich domain-containing protein
UniProt Protein Name	Run domain Beclin-1-interacting and cysteine-rich domain-containing protein
UniProt Gene Name	**RUBCN**
UniProt Synonym Gene Names	Rubicon; Baron

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/rubicon-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/104198