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

Rubicon Antibody: FITC

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA104199** | **Rabbit** | **Human** | **Immunofluorescence, Immunocytochemistry, Western Blot** |

## PRODUCT SYNONYMS

Rubicon; Polyclonal Antibody; Rubicon Antibody: FITC; 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

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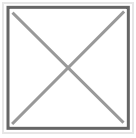
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Specificity** | Detects ~95 kDa. |
| **Purity/Purification** | Peptide Affinity Purified |
| **Concentration** | 1 mg/ml (varies by lot) |
| **Sequence Length** | 927 |
| **Applicable Applications for anti-RUBCN 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** | FITC |
| **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

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

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **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.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/rubicon-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/104199