

Rabbit BARON Polyclonal Antibody | anti-KIAA0226 antibody

BARON Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290675	Rabbit	Human; Predicted Reactivity: Mouse	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

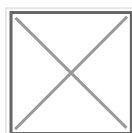
PRODUCT SYNONYMS

BARON; Polyclonal Antibody; BARON Antibody (Center); Run domain Beclin-1 interacting and cysteine-rich containing protein; Rubicon; Beclin-1 associated RUN domain containing protein; Baron; KIAA0226; anti-KIAA0226 antibody

PRODUCT SPECIFICATIONS

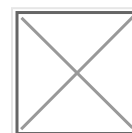
Host	Rabbit
Reactivity	Human; Predicted Reactivity: Mouse
Clonality	Polyclonal
Isotype	Ig
Specificity	This BARON antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 656-684 amino acids from the Central region of human BARON.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	927
Applicable Applications for anti-KIAA0226 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Late endosome. Lysosome. Early endosome. Note=Predominantly located in late endosomes/lysosomes, only partially detected in early endosome and not at all in the Golgi apparatus.
Antigen Region	656-684 aa
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

BARON Antibody (Center) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human kidney reacted with BARON Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

All lanes : Anti-BARON Antibody (Center) at 1:1000 dilution
Lane 1: MCF-7 whole cell lysate
Lane 2: Raji whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 109 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Product Categories/Family for anti-KIAA0226 antibody	Primary Antibodies; Cancer; Cardiovascular; Cell Biology; Metabolism
References	Matsunaga, K., et al. Nat. Cell Biol. 11 (4):385-396 (2009). Muzny, D.M., et al. Nature 440 (7088):1194-1198 (2006). Venter, J.C., et al. Science 291 (5507):1304-1351 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	224548938
NCBI GeneID	9711
NCBI Accession #	NP_001139114.1
NCBI GenBank Nucleotide #	NM_001145642.3
UniProt Accession #	Q92622; Q96CK5
Molecular Weight	108622 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
UniProt Entry Name	RUBIC_HUMAN

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/baron-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/290675>