

Datasheet for ABIN388583
anti-Rubicon antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	Rubicon (KIAA0226)
Binding Specificity:	AA 241-271, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Rubicon antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This BARON antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 241-271 amino acids from the N-terminal region of human BARON.
Clone:	RB18304
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Rubicon (KIAA0226)
Alternative Name:	BARON (KIAA0226 Products)

Target Details

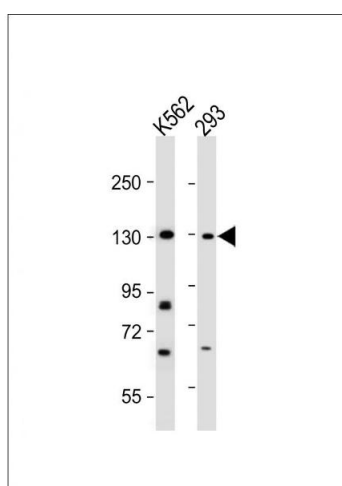
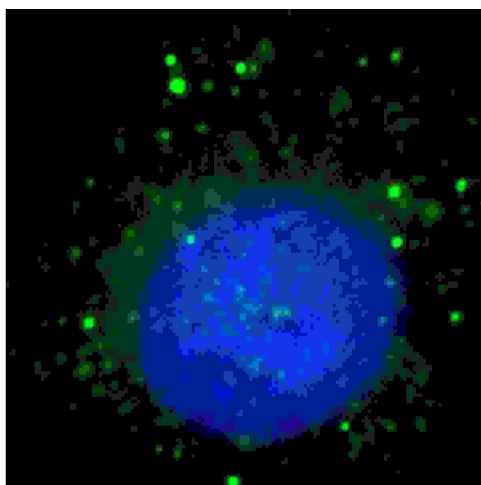
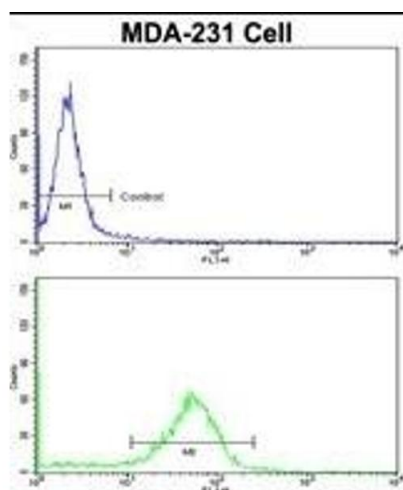
Molecular Weight:	108622
Gene ID:	9711
NCBI Accession:	NP_001139114 , NP_055502
UniProt:	Q92622
Pathways:	Autophagy

Application Details

Application Notes:	IF: 1:100. WB: 1:2000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. Flow cytometric analysis of MDA-231 cells using BARON Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunofluorescence

Image 2. Fluorescent image of cells stained with BARON (N-term) antibody. cells were treated with Chloroquine (50 μ M, 16h), then fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.2 %, 30 min). Cells were then incubated with (ABIN388583 and ABIN2849815) BARON (N-term) primary antibody (1:100, 2 h at room temperature). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 μ g/mL, 5 min). BARON immunoreactivity is localized to autophagic vacuoles in the cytoplasm of cells.

Western Blotting

Image 3. All lanes : Anti-BARON Antibody (N-term) at 1:2000 dilution Lane 1: K562 whole cell lysate Lane 2: 293 whole cell lysate Lysates/proteins at 20 μ g 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.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN388583.