

Datasheet for ABIN2787888
anti-Rubicon antibody (Middle Region)



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2 Images

Overview

Quantity:	100 µL
Target:	Rubicon (KIAA0226)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Rubicon antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KIAA0226
Sequence:	DQEGGGESQL SSVLRSSFS EGQTLTVTSG AKKSHIRSHS DTSIASRGAP
Predicted Reactivity:	Cow: 85%, Dog: 85%, Guinea Pig: 92%, Human: 100%, Mouse: 92%, Rabbit: 85%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against KIAA0226. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Rubicon (KIAA0226)
Alternative Name:	KIAA0226 (KIAA0226 Products)
Background:	KIAA0226 negatively regulates endocytic trafficking. KIAA0226 impairs the autophagosome

Target Details

maturation process.KIAA0226 may inhibit PIK3C3 activity.

Alias Symbols: RUBICON

Protein Interaction Partner: BECN1, PIK3C3, EXOC8, EXOC2, EXOC1, PIK3R4, UVRAG, YWHAE, SMAD9,

Protein Size: 927

Molecular Weight: 103 kDa

Gene ID: 9711

NCBI Accession: [NM_001145642, NP_001139114](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 927 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

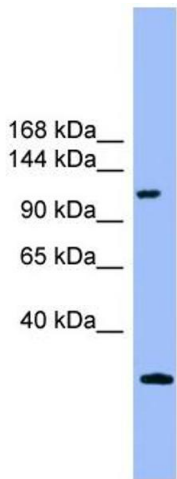
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

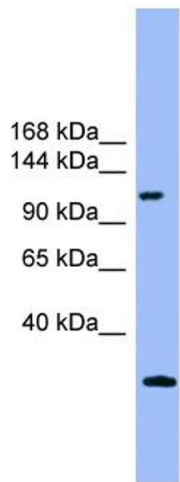
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.	WB	Suggested	Anti-KIAA0226	Antibody
Titration: 0.2-1 ug/ml				
ELISA Titer: 1:1562500				
Positive Control: Human Placenta				



Rabbit Anti-KIAA0226 Antibody
Catalog Number: ARP58950
Lot Number: QC29931
Lane: Placenta Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 6-18%

Western Blotting

Image 2.	WB Suggested	Anti-KIAA0226
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500		
Positive Control: Human Placenta		