

Datasheet for ABIN6147300
anti-Rubicon antibody (AA 1-200)



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1 Image

Overview

Quantity:	100 µL
Target:	Rubicon (KIAA0226)
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Rubicon antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human Rubicon (NP_055502.1).
Sequence:	MRPEGAGMEL GGGEERLP EE SRREHWQLLG NLKTTVEGLV STNSPNVWSK YGGLERLCRD MQSILYHGLI RDQACRRQTD YWQFVKDIRW LSPHSALHVE KFISVHENDQ SSADGASERA VAELWLQHSL QYHCLSAQLR PLLGDRQYIR KFYTDAAFL SDAHVTAMLQ CLEAVEQNNP RLLAQIDASM FARKHESPLL
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Target Details

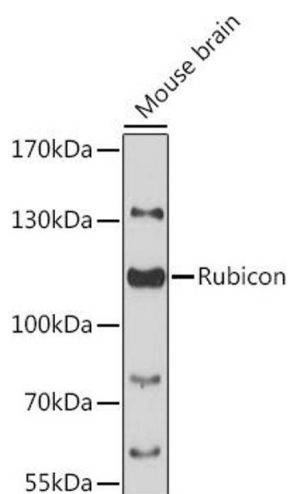
Target:	Rubicon (KIAA0226)
Alternative Name:	RUBCN (KIAA0226 Products)
Background:	The protein encoded by this gene is a negative regulator of autophagy and endocytic trafficking and controls endosome maturation. This protein contains two conserved domains, an N-terminal RUN domain and a C-terminal DUF4206 domain. The RUN domain is involved in Ras-like GTPase signaling, and the DUF4206 domain contains a diacylglycerol (DAG) binding-like motif. Mutation in this gene results in deletion of the DAG binding-like motif and causes a recessive ataxia. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.,RUBCN,KIAA0226,RUBICON,SCAR15,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Autophagy,Endocrine & Metabolism,Cardiovascular,Heart,RUBCN
Molecular Weight:	102 kDa/103 kDa/108 kDa
Gene ID:	9711
UniProt:	Q92622
Pathways:	Autophagy

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of mouse brain, using Rubicon antibody (ABIN6127998, ABIN6147300, ABIN6147301 and ABIN6217065) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.