

RUBCN Polyclonal Antibody

Catalog No: #27926

Package Size: #27926-1 50ul #27926-2 100ul

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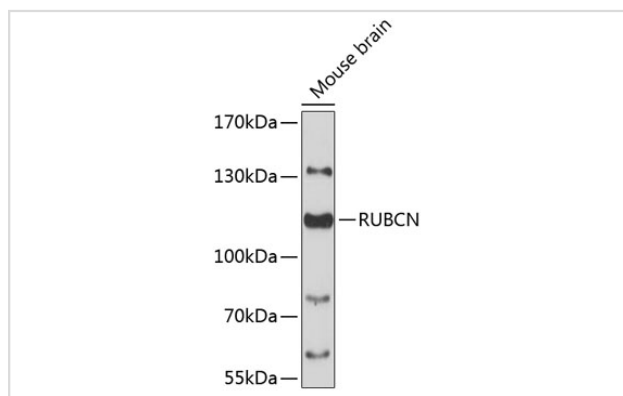
Description

Product Name	RUBCN Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Mouse
Immunogen Description	Recombinant fusion protein of human RUBCN (NP_055502.1).
Other Names	RUBCN; KIAA0226; RUBICON; SCAR15; RUN and cysteine rich domain containing beclin 1 interacting protein
Accession No.	Swiss-Prot#:Q92622NCBI Gene ID:9711
Uniprot	Q92622
GeneID	9711;
Calculated MW	108kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB□1:500 - 1:2000

Images



Western blot analysis of extracts of mouse brain, using RUBCN at 1:3000 dilution.

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.

Note: This product is for in vitro research use only