

Datasheet for ABIN3032487
anti-RPS6KA1 antibody

3 Images



[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	RPS6KA1
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RPS6KA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This RPS6KA1 antibody was produced from a mouse immunized with RPS6KA1 recombinant protein.
Clone:	205CT18-3-1
Isotype:	IgG1 kappa
Purification:	Purified

Target Details

Target:	RPS6KA1
Alternative Name:	RPS6KA1 (RPS6KA1 Products)
Background:	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling

Target Details

pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

UniProt:	Q15418
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Titration of the RPS6KA1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:100-1:250
Restrictions:	For Research Use only

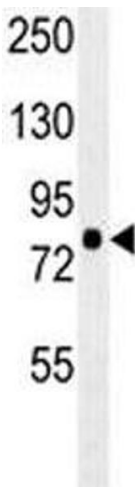
Handling

Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the RPS6KA1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



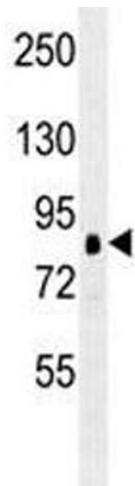
Western Blotting

Image 1. RPS6KA1 antibody western blot analysis in K562 lysate.



Western Blotting

Image 2. RPS6KA1 antibody western blot analysis in mouse cerebellum tissue lysate



Western Blotting

Image 3. RPS6KA1 antibody western blot analysis in K562 lysate.