



Datasheet for ABIN7138546
anti-MAP2K5 antibody (pSer311, pThr315)



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1 Image

Overview

Quantity:	100 µL
Target:	MAP2K5
Binding Specificity:	pSer311, pThr315
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP2K5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine 311 and threonine 315 (V-N-S(p)I-A-K-T(p)-Y-V) derived from Rat MEK5.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	MAP2K5
Alternative Name:	Map2k5 (MAP2K5 Products)

Target Details

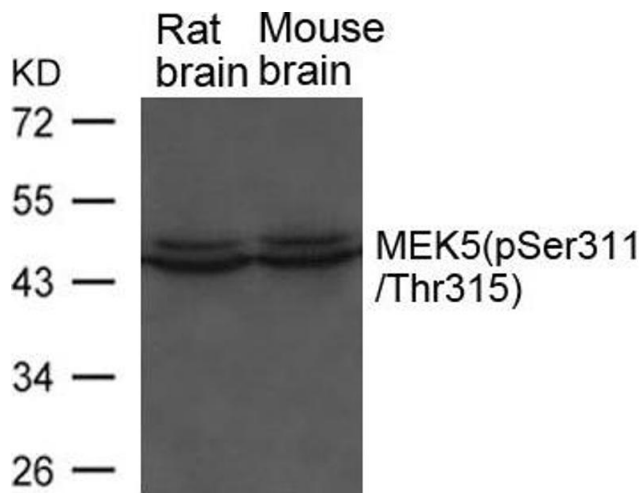
Background:	<p>Background: Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appear to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis.</p> <p>English J.M., Vanderbilt C.A., Xu S., Marcus S., Cobb M.H.J. Biol. Chem. 270:28897-28902(1995)</p> <p>Aliases: Map2k5 antibody, Mek5 antibody, Mkk5 antibody, Prkmk5 antibody, Dual specificity mitogen-activated protein kinase kinase 5 antibody, MAP kinase kinase 5 antibody, MAPKK 5 antibody, EC 2.7.12.2 antibody, MAPK/ERK kinase 5 antibody, MEK 5 antibody</p>
UniProt:	Q62862
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from Rat and Mouse brain tissue using MEK5(phospho-Ser311/ Thr315) Antibody.