

Datasheet for ABIN5689662

anti-MAP2K5 antibody (pSer311, pThr315)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	MAP2K5
Binding Specificity:	pSer311, pThr315
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP2K5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	MEK5 (phospho-Ser311/ Thr315) antibody was raised against a 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.
Specificity:	This antibody detects endogenous level of MEK5 only when phosphorylated at serine 311 or threonine 315.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Target Details

Target:	MAP2K5
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Target Details

Alternative Name:	MEK5 (MAP2K5 Products)
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.
Molecular Weight:	46 kDa
Gene ID:	29568
NCBI Accession:	NP_001029159
UniProt:	Q62862
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Western Blot: 1:500~1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Antibody supplied 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
Storage Comment:	Store antibody at -20°C for up to one year.