

Datasheet for ABIN5689204

anti-MAP2K5 antibody (AA 311-315)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	MAP2K5
Binding Specificity:	AA 311-315
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP2K5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	MEK5 antibody was raised against a peptide sequence around aa. 311-315 (K-T-Y-V-G) derived from Rat MEK5.
Specificity:	This antibody detects endogenous level of total MEK5 protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide

Target Details

Target:	MAP2K5
Alternative Name:	MEK5 (MAP2K5 Products)
Background:	A family of protein kinases located upstream of the MAP kinases and responsible for their activation has been identified. The prototype member of this family, designated MAP kinase kinase, or MEK-1, specifically phospho-rylates the MAP kinase regulatory threonine and tyrosine

Target Details

residues present in the Thr-Glu-Tyr motif of ERK. A second MEK family member, MEK-2, resembles MEK-1 in its substrate specificity. MEK-3 (or MKK-3) functions to activate p38 MAP kinase, and MEK-4 (also called SEK1 or MKK-4) activates both p38 and JNK MAP kinases. MEK-5 appears to specifically phosphorylate ERK5, whereas MEK-6 phosphorylates p38 and p38b. MEK-7 (or MKK-7) phosphorylates and activates the JNK signal transduction pathway.

Molecular Weight:	49 kDa
Gene ID:	29568
NCBI Accession:	NP_001029159
UniProt:	Q62862
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Western Blot: 1:500
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.