

Datasheet for ABIN5688896

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

Overview

Quantity:	0.1 mL
Target:	MAP2K5
Binding Specificity:	pSer311, pThr315
Reactivity:	Human, Mouse, Rat, Dog, Cow, Xenopus laevis, Zebrafish (Danio rerio), Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP2K5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Phosphopeptide corresponding to amino acid residues surrounding the phospho-Ser311, Thr315 of MEK5.
Purification:	Affinity Purified

Target Details

Target:	MAP2K5
Alternative Name:	MEK5 (MAP2K5 Products)
Background:	MEK5 (also known as MKK5) is a dual specificity serine/threonine protein kinase belonging to the MAP kinase kinase family. MEK5 has been shown to specifically activate ERK5 (Zhou et al., 1995) whereas MEK5 itself is regulated by MEKK3 (Chao et al., 1999). An important link between MEK5 and metastatic prostate cancer has been demonstrated (Mehta et al., 2003).

Target Details

	Dual phosphorylation of Ser311 and Thr315 have been implicated in cell proliferation (Cameron et al., 2004).
Molecular Weight:	49 kDa
Gene ID:	29568
UniProt:	Q62862
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	The antibody has been directly tested for reactivity in Western blots with rat tissue. It is anticipated that the antibody will react with mouse, human, chicken, bovine, canine, non-human primate, Xenopus, and Zebrafish tissues based on the fact that these species have 100 % homology with the amino acid sequence used as antigen.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	100 µLin 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per mL BSA and 50 % glycerol.
Storage:	-20 °C
Storage Comment:	MEK5 antibody can be stored at -20°C and is stable at -20°C for at least 1 year.