

Datasheet for ABIN126841
anti-MAP2K5 antibody



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1 Image

Overview

Quantity:	0.1 mg
Target:	MAP2K5
Reactivity:	Human, Mouse, Rat, Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAP2K5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide conjugated to hemocyanin
Clone:	14B5
Isotype:	IgG1
Specificity:	This antibody reacts to MKK5.
Characteristics:	Synonyms: MAP kinase kinase 5, MAPKK 5, MEK5, MKK5, Dual specificity mitogen-activated protein kinase kinase 5
Purification:	Size exclusion chromatography
Components:	incl. positive Control

Target Details

Target:	MAP2K5
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Target Details

Alternative Name:	MAP2K5 (MAP2K5 Products)
Background:	Mitogen-activated protein kinase kinase 5 (MKK5) belongs to the serine/threonine protein kinase family and the MAPK subfamily (MAP2K, MKK or MEKs). MKK5 specifically phosphorylates erk5/MAPK7 within the kinase activation loop pThr-E-pTyr motif. After activation erk5 phosphorylates MKK5 on multiple phosphoserine residues. The MKK5/erk5 pathway may play an important role in prostate and breast cancer.Synonyms: Dual specificity mitogen-activated protein kinase kinase 5, MAP kinase kinase 5, MAPKK 5, MEK5, MKK5
Gene ID:	5607
UniProt:	Q13163
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Western Blot: 0.5 µg/mL for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubationbuffer. Positive Control: Cell lysate from untreated A431 cells. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore with 1 mL H2O (15 min, RT).
Buffer:	1 mL PBS / 0.09 % Na-azide / PEG and Sucrose
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:	Store lyophilized (preferably in a desiccator) at -20 °C and reconstituted (aliquote and freeze in liquid nitrogen) at -80 °C. Avoid repeated freezing and thawing. Thaw aliquots at 37 °C. Thawed aliquots may be stored at 4 °C up to 3 months. Shelf life: one year from despatch.
Expiry Date:	12 months

Western Blotting

Image 1.

