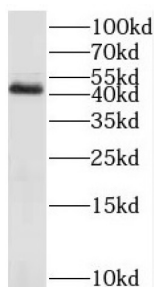
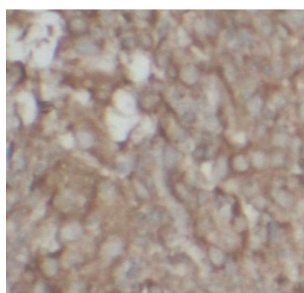


Mitogen-Activated Protein Kinase Kinase 4 (MAP2K4) Antibody

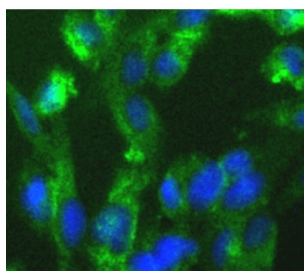
Catalogue No.: abx011158



WB analysis of Mcf-7 cells, using MAP2K4 antibody (1/1000 dilution).



IHC-P analysis of human breast cancer tissue, using MAP2K4 antibody (1/100 dilution).



IF analysis of HeLa cells, using MAP2K4 antibody (1/50 dilution).

Mitogen-Activated Protein Kinase Kinase 4 (MAP2K4) Antibody is a Rabbit Polyclonal antibody for the detection of MAP2K4.

This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants.

Target: Mitogen-Activated Protein Kinase Kinase 4 (MAP2K4)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Datasheet

Version: 2.0.0
Revision date: 05 Mar 2025



Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/50 - 1/500, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	MAP2K4
Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P45985 (UniProt , ExPASy)
Gene Symbol:	MAP2K4
GeneID:	6416
OMIM:	601335
HGNC:	6844
KEGG:	hsa:6416
Ensembl:	ENSG00000065559
String:	9606.ENSP00000410402
Molecular Weight:	Observed MW: 44 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml

Datasheet

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Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only