

anti-Human, Mouse MLK1/2 Antibody | anti-MLK1/2 antibody

MLK1/2 (Phospho-Thr312/266) Antibody

CATALOG # AAA110705	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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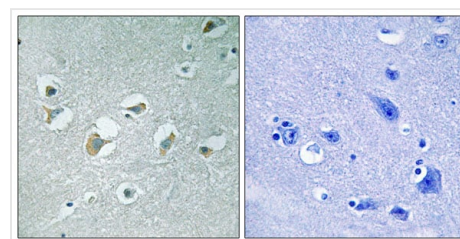
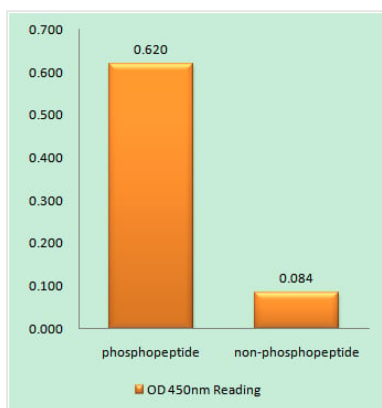
PRODUCT SYNONYMS

MLK1/2; MLK1/2 (Phospho-Thr312/266) Antibody; EC 2.7.11.25; M3K9; mitogen-activated protein kinase kinase kinase 9; mixed-lineage protein kinase 1; PRKE1; anti-MLK1/2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	MLK1/2 (Phospho-Thr312/266) antibody detects endogenous levels of MLK1/2 only when phosphorylated at threonine 312/266.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1104
Applicable Applications for anti-MLK1/2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MLK1/2 around the phosphorylation site of threonine 312/266 (A-G-TP-Y-A).
All Sites	Human: Thr312/266 Mouse: Thr305/266
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using MLK1/2 (Phospho-Thr312/266) antibody. MLK1/2 (Phospho-Thr312/266) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MLK1/2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Durkin J.T., Biochemistry 43:16348-16355(2004). The MGC Project Team; Genome Res. 14:2121-2127(2004). Dorow D.S., Nature 446:153-158(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	545746337
NCBI GeneID	4293
NCBI Accession #	NP_001271159.1
NCBI GenBank Nucleotide #	NM_001284230.1
UniProt Accession #	P80192; Q0D2G7; Q6EH31; Q9H2N5; A3KN85
Molecular Weight	123,373 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 9 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 9
NCBI Official Symbol	MAP3K9
NCBI Official Synonym Symbols	MLK1; MEKK9; PRKE1
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 9
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 9
UniProt Gene Name	MAP3K9
UniProt Synonym Gene Names	MLK1; PRKE1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/mlk1-2/110705>