

Rabbit MARK3 Polyclonal Antibody | anti-MARK3 antibody

MARK3 Antibody

CATALOG # AAA301230	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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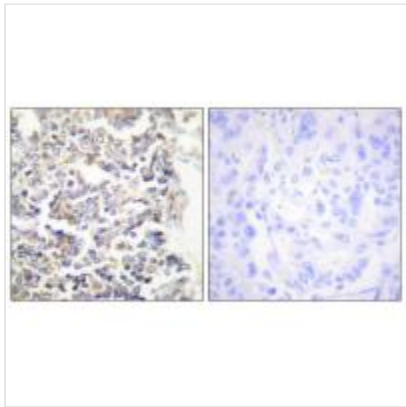
PRODUCT SYNONYMS

MARK3; Polyclonal Antibody; MARK3 Antibody; C-TAK1; Cdc25C-associated protein kinase 1; EC 2.7.11.1; MAP/microtubule affinity-regulating kinase 3; Protein kinase STK10; anti-MARK3 antibody

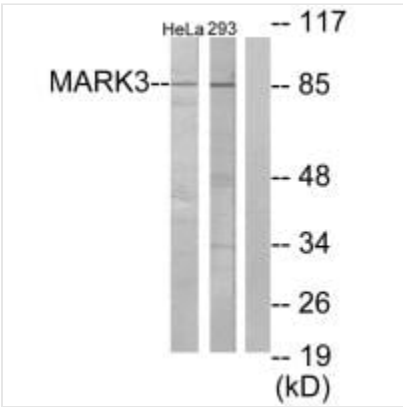
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MARK3 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	753
Applicable Applications for anti-MARK3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human MARK3.
Target Name	MARK3
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using MARK3 antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells and 293 cells, using MARK3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MARK3 antibody	Involved in the specific phosphorylation of microtubule-associated proteins for tau, MAP2 and MAP4. Phosphorylates CDC25C on 'Ser-216'. Regulates localization and activity of some histone deacetylases by mediating phosphorylation of HDAC7, promoting subsequent interaction between HDAC7 and 14-3-3 and export from the nucleus.Peng C.Y., Cell Growth Differ. 9:197-208(1998).Sun T.-Q., Nat. Cell Biol. 3:628-636(2001).Wissing J., Mol. Cell. Proteomics 6:537-547(2007)
Product Categories/Family for anti-MARK3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	731441413
NCBI GeneID	4140
NCBI Accession #	NP_001122390.2
NCBI GenBank Nucleotide #	NM_001128918.2
UniProt Accession #	P27448; O60219; Q86TT8; Q8TB41; Q8WX83; Q96RG1; Q9UMY9; Q9UN34
Molecular Weight	74,151 Da
NCBI Official Full Name	MAP/microtubule affinity-regulating kinase 3 isoform a
NCBI Official Synonym Full Names	MAP/microtubule affinity-regulating kinase 3
NCBI Official Symbol	MARK3
NCBI Official Synonym Symbols	KP78; CTAK1; PAR1A; Par-1a
NCBI Protein Information	MAP/microtubule affinity-regulating kinase 3
UniProt Protein Name	MAP/microtubule affinity-regulating kinase 3
UniProt Gene Name	MARK3
UniProt Synonym Gene Names	CTAK1; EMK2; cTAK1; EMK-2; Par-1a
UniProt Entry Name	MARK3_HUMAN

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.

