

Rabbit MARK3 Polyclonal Antibody | anti-MARK3 antibody

Rabbit anti-MARK3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223895	Rabbit	Human, Mouse, Rat, Chicken, Zebrafish	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MARK3; Polyclonal Antibody; Rabbit anti-MARK3 Antibody; CTAK1; EMK2; MAP/microtubule affinity-regulating kinase 3; C-TAK1; cTAK1; Cdc25C-associated protein kinase 1; ELKL motif kinase 2; EMK-2; Protein kinase STK10; Ser/Thr protein kinase PAR-1; Par-1a; Serine/threonine-protein kinase p78; anti-MARK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Zebrafish
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MARK3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human MARK3. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



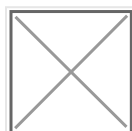
IF (Immunofluorescence)

Immunofluorescent analysis of MARK3 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of MARK3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MARK3 expression in HeLa (A), mouse brain (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MARK3 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	193083125
NCBI GeneID	4140
NCBI Accession #	NP_001122390.1
NCBI GenBank Nucleotide #	NM_001128918.1
UniProt Accession #	P27448; Q03141; Q8VHF0
Molecular Weight	84,489 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; EMK-2; C-TAK1; ELKL motif kinase 2; protein kinase STK10; ser/Thr protein kinase PAR-1; cdc25C-associated protein kinase 1; serine/threonine-protein kinase p78
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mark3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/223895>