

Rabbit ERK5 Polyclonal Antibody | anti-ERK5 antibody

Rabbit anti-ERK5 Antibody

CATALOG # AAA221852	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ERK5; Polyclonal Antibody; Rabbit anti-ERK5 Antibody; BMK1; PRKM7; Mitogen-activated protein kinase 7; MAP kinase 7; MAPK 7; Big MAP kinase 1; BMK-1; Extracellular signal-regulated kinase 5; ERK-5; anti-ERK5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
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-ERK5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein corresponding to human ERK5.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ERK5 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 ERK5 expression in Hela (A), 293T (B), NIH3T3 (C), mouse skeletal muscle (D), rat kidney (E), rat skeletal muscle (F) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ERK5 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20986497
NCBI GeneID	5598
NCBI Accession #	NP_002740.2

NCBI GenBank Nucleotide #	NM_002749.3
UniProt Accession #	Q13164; Q16634; Q59F50; Q6QLU7; Q7L4P4; Q969G1; Q96G51
Molecular Weight	88,386 Da
NCBI Official Full Name	mitogen-activated protein kinase 7 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 7
NCBI Official Symbol	MAPK7
NCBI Official Synonym Symbols	BMK1; ERK4; ERK5; PRKM7
NCBI Protein Information	mitogen-activated protein kinase 7; BMK-1; ERK-5; MAPK 7; BMK1 kinase; MAP kinase 7; big MAP kinase 1; extracellular signal-regulated kinase 5; extracellular-signal-regulated kinase 5
UniProt Protein Name	Mitogen-activated protein kinase 7
UniProt Gene Name	MAPK7
UniProt Synonym Gene Names	BMK1; ERK5; PRKM7; MAP kinase 7; MAPK 7; BMK-1; ERK-5
UniProt Entry Name	MK07_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/erk5-antibody-immunohistochemistry-western-blot-elisa/221852>