

ERK3 Antibody | anti-ERK3 antibody

ERK3 (Phospho-Ser189) Antibody

CATALOG # AAA111461	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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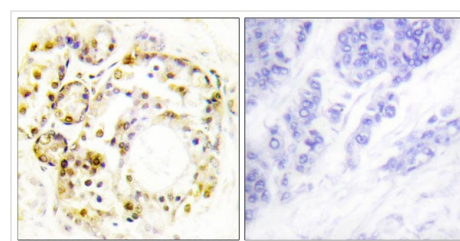
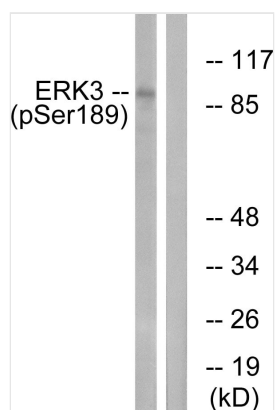
PRODUCT SYNONYMS

ERK3; ERK3 (Phospho-Ser189) Antibody; EC 2.7.11.24; ERK-3; Extracellular signal-regulated kinase 3; MAP kinase isoform p97; MAPK6; MK06; Mitogen-activated protein kinase 6; PRKM4; PRKM6; kinase ERK3; p55-MAPK; p97-MAPK; anti-ERK3 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	ERK3 (Phospho-Ser189) antibody detects endogenous levels of ERK3 only when phosphorylated at serine 189.
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	721
Applicable Applications for anti-ERK3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ERK3 around the phosphorylation site of serine 189 (H-L-SP-E-G).
All Sites	Human: Ser189 Mouse: Ser189 Rat: Ser189
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using ERK3 (Phospho-Ser189) antibody. Western blot analysis of extracts from mouse brain, using ERK3 (Phospho-Ser189) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ERK3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Zhu A.X., Mol. Cell. Biol. 14:8202-8211(1994). Meloche S., Oncogene 13:1575-1579(1996). Greenman C., Nature 446:153-158(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506091
NCBI GeneID	5597
NCBI Accession #	NP_002739.1
NCBI GenBank Nucleotide #	NM_002748.3
UniProt Accession #	Q16659; Q68DH4; Q8IYN8; B2R945; B5BU65
Molecular Weight	82,681 Da
NCBI Official Full Name	mitogen-activated protein kinase 6
NCBI Official Synonym Full Names	mitogen-activated protein kinase 6
NCBI Official Symbol	MAPK6
NCBI Official Synonym Symbols	ERK3; PRKM6; p97MAPK; HsT17250
NCBI Protein Information	mitogen-activated protein kinase 6
UniProt Protein Name	Mitogen-activated protein kinase 6
UniProt Gene Name	MAPK6
UniProt Synonym Gene Names	ERK3; PRKM6; MAP kinase 6; MAPK 6; ERK-3; p97-MAPK

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-rat-antibody/erk3/111461>