

Rabbit anti-Human, Mouse ERK 8 Polyclonal Antibody | anti-ERK8 antibody

ERK 8 (phospho Thr175/Y177) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293961	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

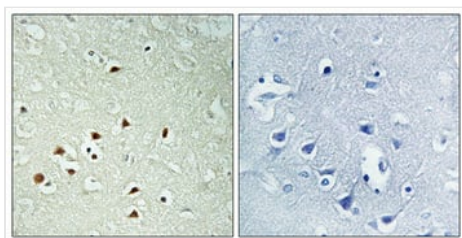
PRODUCT SYNONYMS

ERK 8; Polyclonal Antibody; ERK 8 (phospho Thr175/Y177) Polyclonal Antibody; MAPK15; ERK7; ERK8; Mitogen-activated protein kinase 15; MAP kinase 15; MAPK 15; Extracellular signal-regulated kinase 7; ERK-7; Extracellular signal-regulated kinase 8; ERK-8; anti-ERK8 antibody

PRODUCT SPECIFICATIONS

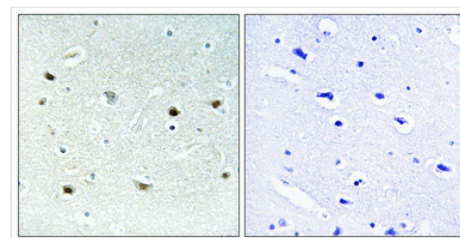
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-ERK8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



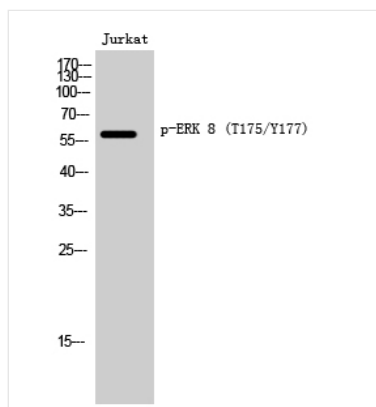
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000.
Not yet tested in other applications.



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000.
Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000.
Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-ERK8 antibody	Atypical MAPK protein that regulates several process such as autophagy, ciliogenesis, protein trafficking/secretion and genome integrity, in a kinase activity-dependent manner (PubMed:24618899, PubMed:29021280, PubMed:21847093, PubMed:20733054). Controls both, basal and starvation-induced autophagy through its interaction with GABARAP, MAP1LC3B and GABARAPL1 leading to autophagosome formation, SQSTM1 degradation and reduced MAP1LC3B inhibitory phosphorylation (PubMed:16484222, PubMed:20638370, PubMed:19166846). During oocyte maturation, plays a key role in the microtubule organization and meiotic cell cycle progression in oocytes, fertilized eggs, and early embryos (By similarity). Interacts with ESRRA promoting its re-localization from the nucleus to the cytoplasm and then prevents its transcriptional activity (PubMed:21190936).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	95147356
NCBI GeneID	225689
NCBI Accession #	NP_620590.2
NCBI GenBank Nucleotide #	NM_139021.2
UniProt Accession #	Q8TD08; Q2TCF9; Q8N362
Molecular Weight	59,832 Da
NCBI Official Full Name	mitogen-activated protein kinase 15
NCBI Official Synonym Full Names	mitogen-activated protein kinase 15
NCBI Official Symbol	MAPK15
NCBI Official Synonym Symbols	ERK7; ERK8
NCBI Protein Information	mitogen-activated protein kinase 15; ERK-7; ERK-8; MAPK 15; MAP kinase 15; extracellular regulated kinase 8 delta; extracellular signal regulated kinase 8; extracellular signal-regulated kinase 7; extracellular signal-regulated kinase 8
UniProt Protein Name	Mitogen-activated protein kinase 15
UniProt Gene Name	MAPK15
UniProt Synonym Gene Names	ERK7; ERK8; MAP kinase 15; MAPK 15; ERK-7; ERK-8
UniProt Entry Name	MK15_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/erk-8-antibody-immunohistochemistry-western-blot-elisa/293961>