

Rabbit anti-Human MAPK15 Polyclonal Antibody | anti-MAPK15 antibody

MAPK15 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286890	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

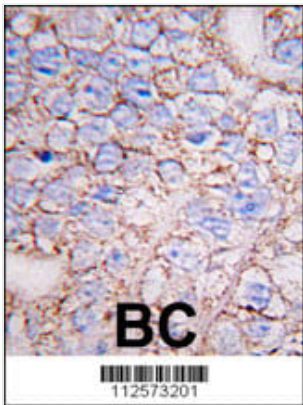
PRODUCT SYNONYMS

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

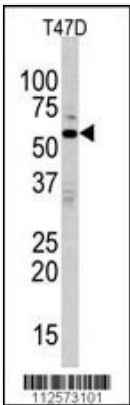
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAPK15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-61 amino acids from the N-terminal region of human MAPK15.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	32-61
Sequence Length	544
Applicable Applications for anti-MAPK15 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

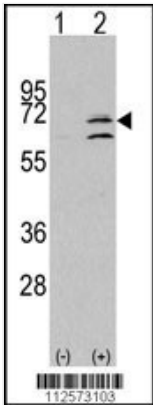
IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with ERK8 antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-ERK8 Antibody (N-term) in T47D cell line lysates (35ug/lane). ERK8 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of ERK8 (arrow) using rabbit polyclonal ERK8 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MAPK15 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK15 antibody	The ERKs are a subfamily of the MAPKs that have been implicated in cell growth and differentiation. Extracellular signal-regulated kinase 8 (Erk8) is a large MAP kinase whose activity is controlled by serum and the c-Src non-receptor tyrosine kinase. ERK8 down-regulates transactivation of the glucocorticoid receptor through Hic-5 and can negatively regulate transcriptional co-activation of androgen receptor and GRalpha by Hic-5 in a kinase-independent manner, suggesting a broader role for ERK8 in the regulation of nuclear receptors beyond estrogen receptor alpha. Erk8 is a novel effector of RET/PTC3 and, therefore, RET biological functions.
Product Categories/Family for anti-MAPK15 antibody	Signal Transduction
References	Saelzler,M.P., J. Biol. Chem. 281 (24), 16821-16832 (2006) Iavarone,C., J. Biol. Chem. 281 (15), 10567-10576 (2006) Klevernic,I.V., Biochem. J. 394 (PT 1), 365-373 (2006) Suzuki,Y., Genome Res. 14 (9), 1711-1718 (2004)

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	59832
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
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/mapk15-antibody-immunohistochemistry-western-blot-elisa/286890>