

Rabbit p97 MAPK Polyclonal Antibody | anti-p97 MAPK antibody

p97 MAPK Antibody

CATALOG # AAA305404	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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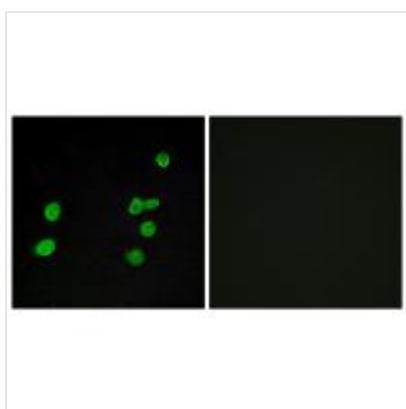
PRODUCT SYNONYMS

p97 MAPK; Polyclonal Antibody; p97 MAPK Antibody; Mitogen-activated protein kinase 6; EC 2.7.11.24; Extracellular signal-regulated kinase 3; ERK-3; MAP kinase isoform p97; anti-p97 MAPK antibody

PRODUCT SPECIFICATIONS

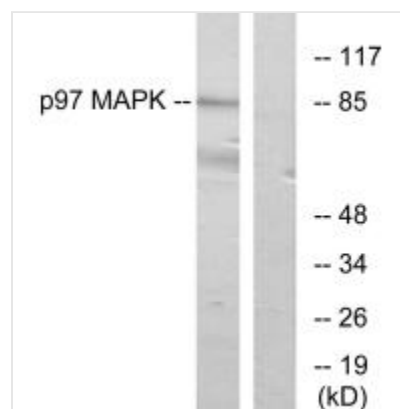
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total p97 MAPK protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	721
Applicable Applications for anti-p97 MAPK antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human p97 MAPK.
Target Name	p97 MAPK
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells, using p97 MAPK antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using p97 MAPK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-p97 MAPK antibody	Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK3/MAPK6 is phosphorylated at Ser-189 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK3/MAPK6. May promote entry in the cell cycle By similarity.Zhu A.X., Mol. Cell. Biol. 14:8202-8211(1994).Meloche S., Oncogene 13:1575-1579(1996).The MGC Project Team, Genome Res. 14:2121-2127(2004)
Product Categories/Family for anti-p97 MAPK antibody	Total protein Ab

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
UniProt Entry Name	MK06_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.