

Rabbit anti-Human, Mouse PRAK (phospho-Thr182) Polyclonal Antibody | anti-PRAK antibody

PRAK (phospho-Thr182) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA310501	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

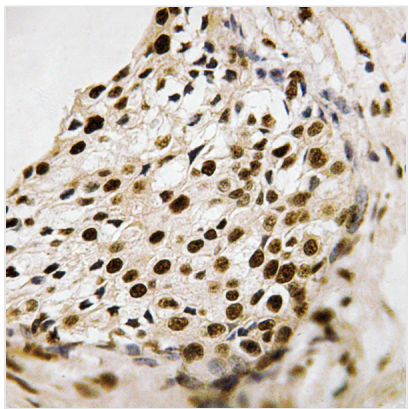
PRODUCT SYNONYMS

PRAK (phospho-Thr182); Polyclonal Antibody; PRAK (phospho-Thr182) Antibody; PRAK; MAP kinase-activated protein kinase 5; MAPK-activated protein kinase 5; MAPKAP kinase 5; MAPKAP-K5; MAPKAPK-5; MK-5; MK5; p38-regulated/activated protein kinase; anti-PRAK antibody

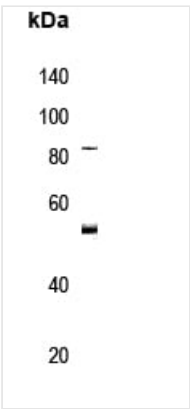
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes endogenous levels of PRAK (phospho-Thr182) protein.
Purity/Purification	Immunogen affinity chromatography
Form/Format	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1 mg/mL (varies by lot)
Sequence Length	471
Applicable Applications for anti-PRAK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MAPKAPK5.
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of PRAK (phospho-Thr182) staining in human breast carcinoma formalin fixed paraffin embedded tissue section. 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 PRAK (phospho-Thr182) expression in K562 Na3VO4 treated whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PRAK antibody	Phospho-specific Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21237765
NCBI GeneID	8550
NCBI Accession #	NP_003659.2
NCBI GenBank Nucleotide #	NM_003668.3
UniProt Accession #	Q8IW41; O60491; Q86X46; Q9BVX9; Q9UG86; B3KVA5
Molecular Weight	54 kDa
NCBI Official Full Name	MAP kinase-activated protein kinase 5 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase-activated protein kinase 5
NCBI Official Symbol	MAPKAPK5
NCBI Official Synonym Symbols	MK5; MK-5; PRAK; MAPKAP-K5
NCBI Protein Information	MAP kinase-activated protein kinase 5
UniProt Protein Name	MAP kinase-activated protein kinase 5
UniProt Gene Name	MAPKAPK5
UniProt Synonym Gene Names	PRAK; MAPK-activated protein kinase 5; MAPKAP kinase 5; MAPKAP-K5; MAPKAPK-5; MK-5; MK5; PRAK

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.