

Rabbit PTK6 Polyclonal Antibody | anti-PTK6 antibody

Rabbit Anti PTK6

CATALOG # AAA50321	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS Western Blot
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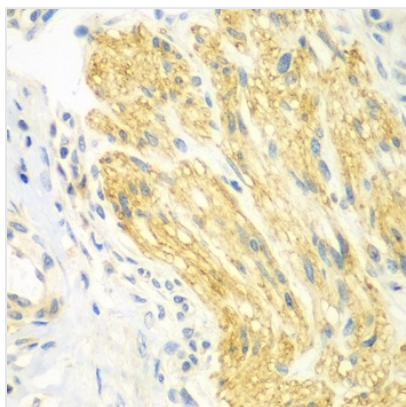
PRODUCT SYNONYMS

PTK6; Polyclonal Antibody; Rabbit Anti PTK6; PTK6 antibody; anti-PTK6 antibody

PRODUCT SPECIFICATIONS

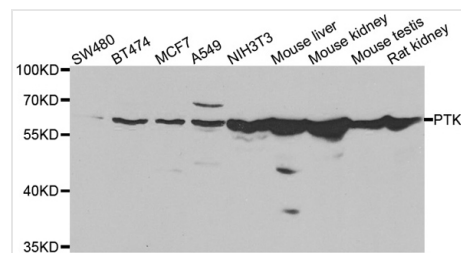
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified IgG was prepared from whole serum by affinity chromatography.
Form/Format	Liquid; Phosphate Buffered Saline
Sequence Length	134
Applicable Applications for anti-PTK6 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 222-451 of human PTK6.
Preservative Stabilizers	0.02% Sodium Azide 50% Glycerol
Preparation and Storage	Store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human gastric cancer tissue using Rabbit anti PTK6 antibody at a 1/100 dilution



WB (Western Blot)

Western blot analysis of various cell and tissue lysates using Rabbit anti PTK6 antibody at a 1/1000 dilution. 3% non-fat dry milk was used for blocking

ADDITIONAL INFORMATION

Related Product Information for anti-PTK6 antibody	Rabbit anti PTK6 antibody recognizes protein-tyrosine kinase 6, also known as breast tumor kinase and tyrosine-protein kinase BRK. PTK6 is a nonreceptor tyrosine kinase that is evolutionarily related to the FRK family of kinases and more distantly to the SRC family of tyrosine kinases (Qui and Miller 2002, Brauer and Tyner 2010). It controls various signaling pathways involved in the differentiation and maintenance of normal epithelia (Brauer and Tyner 2010). PTK6 substrates include AKT (Zhang et al. 2005), SLM1 and SLM2 (Haegebarth et al. 2004), STAT3 (Liu et al. 2006), STAT5b (Weaver and Silva 2007). PTK6 is coamplified and coexpressed with ErbB2 in human breast cancers to promote proliferation (Xiang et al. 2008).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	373432692
NCBI GeneID	5753
NCBI Accession #	NP_001243287.1
NCBI GenBank Nucleotide #	NM_001256358.1
UniProt Accession #	Q13882
NCBI Official Full Name	protein-tyrosine kinase 6 isoform 2
NCBI Official Synonym Full Names	protein tyrosine kinase 6
NCBI Official Symbol	PTK6
NCBI Official Synonym Symbols	BRK
NCBI Protein Information	protein-tyrosine kinase 6
UniProt Protein Name	Protein-tyrosine kinase 6
UniProt Gene Name	PTK6
UniProt Synonym Gene Names	BRK
UniProt Entry Name	PTK6_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.