

Rabbit Phospho-BTK Polyclonal Antibody | anti-BTK antibody

Phospho-BTK Antibody (Y551)

CATALOG # AAA75800	HOST Rabbit	REACTIVITY Human, Monkey, Mouse, Pig	APPLICATIONS Western Blot, ELISA
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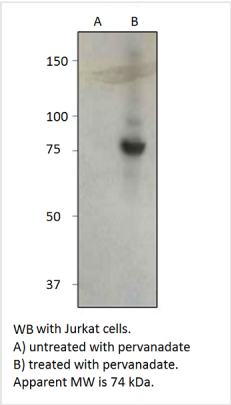
PRODUCT SYNONYMS

Phospho-BTK; Polyclonal Antibody; Phospho-BTK Antibody (Y551); Agammaglobulinaemia tyrosine kinase; AGMX 1; AT; ATK; B cell progenitor kinase; BPK; Bruton tyrosine kinase; Btk; IMD1; MGC126261; MGC126262; PSCTK 1; Tyrosine protein kinase BTK; XLA antibody; anti-BTK antibody

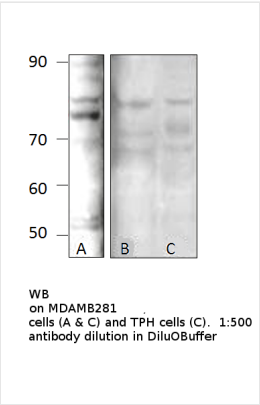
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey, Mouse, Pig
Clonality	Polyclonal
Specificity	This antibody does not cross react to any other cellular protein.
Form/Format	Affinity Purified
Concentration	0.6 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	659
Applicable Applications for anti-BTK antibody	WB (Western Blot), ELISA
Immunogen	Synthetic peptide corresponding to Human BTK amino acids 544-561 (phopsho Y551). Sequence RYV LDD EY(p)T SSV GSK FPV
Expression	B-lymphocytes
Modification	Phosphorylated
Molecular Function	Kinase; Transferase; Tyrosine-protein Kinase
Structure	PH domain mediates binding to inositol polyphosphate and phosphoinositides, leading to its targeting with plasma membrane. Extended in the BTK kinase family by a region designated Tec homology domain, which has roughly 80 residues preceding SH3 domain.
Subcellular Location	Cytoplasm; Cell Membrane; Peripheral membrane: Nucleus. In steady state BTK is predominantly cytosolic.
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-BTK antibody	Affinity Purified Phospho-specific Bruton's Tyrosine Kinase Antibody Non-receptor tyrosine kinase involved in B lymphocyte development.
Product Categories/Family for anti-BTK antibody	Primary Antibodies; Protein Kinases; Tyrosine Kinases; Phospho-BTK Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557377
NCBI GeneID	695
NCBI Accession #	NP_000052.1
NCBI GenBank Nucleotide #	NM_000061.2
UniProt Accession #	Q06187; Q32ML5; B2RAW1
Molecular Weight	Predicted: 76 kDa.
NCBI Official Full Name	tyrosine-protein kinase BTK isoform 1
NCBI Official Synonym Full Names	Bruton tyrosine kinase
NCBI Official Symbol	BTK
NCBI Official Synonym Symbols	AT; ATK; BPK; XLA; IMD1; AGMX1; PSCTK1
NCBI Protein Information	tyrosine-protein kinase BTK
UniProt Protein Name	Tyrosine-protein kinase BTK
UniProt Gene Name	BTK
UniProt Synonym Gene Names	AGMX1; ATK; BPK; ATK; BPK
UniProt Entry Name	BTK_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.