

Rabbit BTK Polyclonal Antibody | anti-BTK antibody

BTK Antibody (N-term)

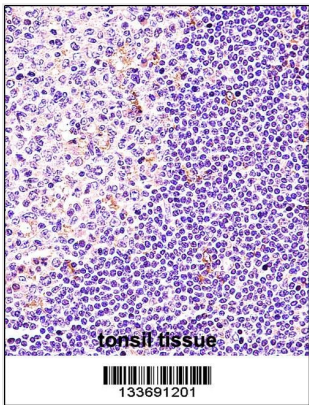
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286801	Rabbit	Human (Predicted Reactivity: Chicken, Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

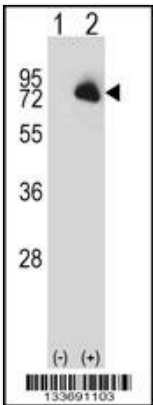
BTK; Polyclonal Antibody; BTK Antibody (N-term); Tyrosine-protein kinase BTK; Agammaglobulinemia tyrosine kinase; ATK; B-cell progenitor kinase; BPK; Bruton tyrosine kinase; AGMX1; anti-BTK antibody

PRODUCT SPECIFICATIONS

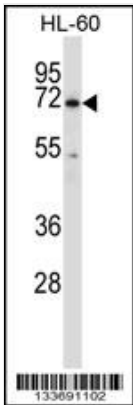
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BTK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-55 amino acids from the N-terminal region of human BTK.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	27-55
Sequence Length	693
Applicable Applications for anti-BTK 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.



IHC (Immunohistochemisry)
BTK Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of BTK Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



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



WB (Western Blot)
BTK Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the BTK antibody detected the BTK protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BTK antibody	The protein encoded by this gene plays a crucial role in B-cell development. Mutations in this gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement.
Product Categories/Family for anti-BTK antibody	Immunology; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Ng, Y.Y., et al. Leukemia 24(9):1617-1630(2010) Segat, L., et al. Vaccine 28(10):2201-2206(2010) Marcotte, D.J., et al. Protein Sci. 19(3):429-439(2010) Liu, Z., et al. J. Immunol. 184(1):244-254(2010)

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	76281
NCBI Official Full Name	tyrosine-protein kinase BTK isoform 1
NCBI Official Synonym Full Names	Bruton agammaglobulinemia 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/btk-antibody-immunohistochemistry-western-blot-elisa/286801>