

Rabbit anti-Human IBTK Polyclonal Antibody | anti-IBTK antibody

IBTK Antibody (Center)

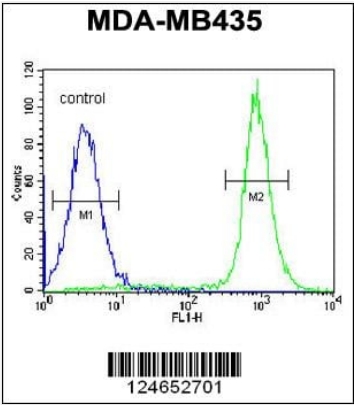
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289101	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

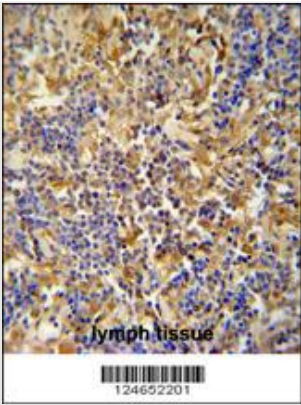
IBTK; Polyclonal Antibody; IBTK Antibody (Center); Inhibitor of Bruton tyrosine kinase; IBtk; BTKI; KIAA1417; anti-IBTK antibody

PRODUCT SPECIFICATIONS

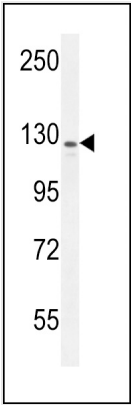
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IBTK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 586-613 amino acids from the Central region of human IBTK.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	586-613
Sequence Length	240
Applicable Applications for anti-IBTK antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
IBTK Antibody (Center) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
IBTK antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IBTK antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
IBTK Antibody (Center) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the IBTK antibody detected the IBTK protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IBTK antibody	The protein encoded by this gene binds to Bruton's tyrosine kinase (BTK) and downregulates BTK's kinase activity. In addition, the encoded protein disrupts BTK-mediated calcium mobilization and negatively regulates the activation of nuclear factor-kappa-B-driven transcription.
References	Fiume, G., et al. Comput Biol Chem 33(6):434-439(2009) Spatuzza, C., et al. Nucleic Acids Res. 36(13):4402-4416(2008) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Olsen, J.V., et al. Cell 127(3):635-648(2006) Mungall, A.J., et al. Nature 425(6960):805-811(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	57863304
NCBI GeneID	25998
NCBI Accession #	NP_056340.2
NCBI GenBank Nucleotide #	NM_015525.3

UniProt Accession #	Q9P2D0; Q2QKU2; Q2QKU3; Q2QKU4; Q5TFD7; Q5TFD9; Q8IUQ9; Q8IUY7; Q8TAI4; Q9HBI8; Q9Y3T8
Molecular Weight	150528
NCBI Official Full Name	inhibitor of Bruton tyrosine kinase isoform 1
NCBI Official Synonym Full Names	inhibitor of Bruton agammaglobulinemia tyrosine kinase
NCBI Official Symbol	IBTK
NCBI Official Synonym Symbols	BTKI; BTBD26
NCBI Protein Information	inhibitor of Bruton tyrosine kinase
UniProt Protein Name	Inhibitor of Bruton tyrosine kinase
UniProt Gene Name	IBTK
UniProt Synonym Gene Names	BTKI; KIAA1417; IBtk
UniProt Entry Name	IBTK_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ibtk-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289101>