

Anti-IBTK antibody



Description	Unconjugated Rabbit polyclonal to IBTK
Model	STJ190257
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human IBTK protein.
Immunogen Region	410-490aa
Gene ID	25998
Gene Symbol	IBTK
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	IBTK Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in DeFew, HEK293T, HeLa and in Jurkat, MC3 and NB4 lymphoid cells (at protein level). Isoform 1 is the predominant isoform expressed in all examined tissues and cell lines. Highly expressed in hemopoietic tissues (fetal liver, spleen, lymph node, thymus, peripheral blood leukocytes and bone marrow). Weakly or not expressed in other tissues.
Purification	IBTK antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Inhibitor of Bruton tyrosine kinase IBtk

Molecular Weight	148 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17853OMIM:606457
Alternative Names	Inhibitor of Bruton tyrosine kinase IBtk
Function	Acts as an inhibitor of BTK tyrosine kinase activity, thereby playing a role in B-cell development. Down-regulates BTK kinase activity, leading to interference with BTK-mediated calcium mobilization and NF-kappa-B-driven transcription.
Cellular Localization	Cytoplasm. Membrane. Peripheral membrane protein. Translocates to the plasma membrane upon IgM stimulation.. Isoform 2: Nucleus.