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IBTK Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16161

Product Information

Application	WB
Primary Accession	Q9P2D0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150528

Additional Information

Gene ID	25998
Alias Symbol	IBTK, BTKI, KIAA1417,
Other Names	Inhibitor of Bruton tyrosine kinase, IBtk, IBTK, BTKI, KIAA1417
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-IBTK antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	IBTK Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IBTK
Synonyms	BTKI, KIAA1417
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 Location	Cytoplasm. Membrane; Peripheral membrane protein. Note=Translocates to the plasma membrane upon IgM stimulation
Tissue Location	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.

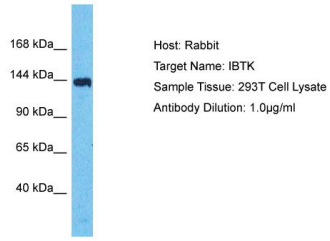
Background

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.

References

Spatuzza C.,et al.Nucleic Acids Res. 36:4402-4416(2008).
Nagase T.,et al.DNA Res. 7:65-73(2000).
Nakajima D.,et al.DNA Res. 9:99-106(2002).
Mungall A.J.,et al.Nature 425:805-811(2003).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



Host: Rabbit
Target Name: IBTK
Sample Tissue: 293T Whole Cell lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.