

# IBTK Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16161

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9P2D0</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	150528

## Additional Information

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<b>Gene ID</b>	25998
<b>Alias Symbol</b> <b>Other Names</b>	IBTK, BTKI, KIAA1417, Inhibitor of Bruton tyrosine kinase, IBtk, IBTK, BTKI, KIAA1417
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	IBTK Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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

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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

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Spatuzza C.,et al.Nucleic Acids Res. 36:4402-4416(2008).

Nagase T.,et al.DNA Res. 7:65-73(2000).

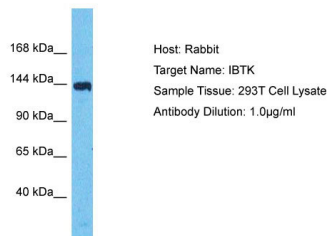
Nakajima D.,et al.DNA Res. 9:99-106(2002).

Mungall A.J.,et al.Nature 425:805-811(2003).

Bechtel S.,et al.BMC Genomics 8:399-399(2007).

## Images

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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'.