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Datasheet for ABIN7267871  
**anti-IBTK antibody (AA 900-1200)**

1 Image

Overview

Quantity:	100 µL
Target:	IBTK
Binding Specificity:	AA 900-1200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IBTK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	IBTK Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 900-1200 of human IBTK (NP_056340.2).
Sequence:	GLNMAALLEA RSLDVLSDGV LKDLSEFYRK MIPAMDRRVI TPYQDGPDIS YLEVEDGDIF LKEEINMEQN HSETMFKKAK TKAKKKPRKR SDSSGGYNLS DIIQSPSSTG LLKSGKTNSV ESLPELLTSD SEGSYAGVGS PRDLQSPDFT TGFHSDKIEA KVKPYVNGTS PVYSREDLKP WEKSPILKIS APQPIPSNRI DTTSSASWVA GSFSPVSPPV VDLRTIMEIE ESRQKCGATP KSHLGKTVSH GVKLSQKQRK MIALTTKENN SGMNSMETVL FTPSKAPKPV NAWASSLHSV S
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: IBTK

Alternative Name: IBTK ([IBTK Products](#))

Background: Bruton tyrosine kinase (BTK) is a protein tyrosine kinase that is expressed in B cells, macrophages, and neutrophils. The protein encoded by this gene binds to 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. This gene has a pseudogene on chromosome 18. Alternative splicing results in multiple transcript variants encoding distinct isoforms.,IBTK,BTBD26,BTKI,Signal Transduction,Kinase,IBTK

Molecular Weight: 26kDa/133kDa/150kDa

Gene ID: 25998

UniProt: [Q9P2D0](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

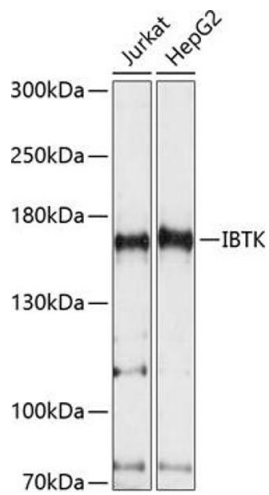
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using IBTK antibody (ABIN7267871) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.