

Btk Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01005
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human BTK. AA range:188-237
Mol wt	76150
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Btk Antibody
Synonyms	BTK; AGMX1; ATK; BPK; Tyrosine-protein kinase BTK; Agammaglobulinaemia tyrosine kinase; ATK; B-cell progenitor kinase; BPK; Bruton tyrosine kinase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein (Bruton tyrosine kinase) encoded by BTK plays a crucial role in B-cell development. Mutations in this gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilution

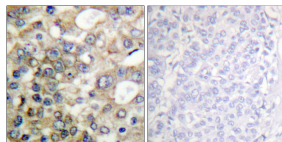
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

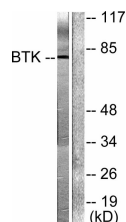
ELISA: 1: 20000

Not yet tested in other applications.

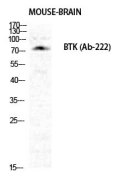
Images



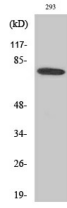
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using BTK Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using BTK Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Btk Polyclonal Antibody diluted at 1:500



Western Blot analysis of 293 cells using Btk Polyclonal Antibody diluted at 1:500

Storage

-20°C for one year

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