

## Btk Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP01004
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from Btk . at AA range: 490-570
Mol wt	76150
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, 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

Tyrosine-protein kinase BTK 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.

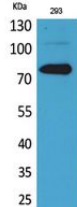
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western Blot analysis of 293 cells using Btk Polyclonal Antibody. Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year