

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.

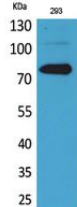
Recommended Dilution

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