# Anti- BTK (Phospho-Tyr551) Polyclonal Antibody

 Catalog No.
 Size

 A100024-01
 50 μl

 A100024-02
 100 μl



**Specificity** Anti- BTK (Phospho-Tyr551) (Human Mouse Rat)

Source Rabbit Polyclonal

Application WB ELISA

Form Liquid, 1 mg/ml

### **Specificity and Sensitivity**

Swiss-Prot No.: Q06187

**Other Names:** AGMX1, ATK, Agammaglobulinaemia tyrosine kinase, B cell progenitor kinase, BPK, Bruton's tyrosine kinase, EC 2.7.10.2, Kinase EMB, kinase Btk

## **Specificity and Sensitivity**

BTK (phospho-Tyr551) antibody detects endogenous levels of BTK only when phosphorylated at tyrosine 551.

#### **Source and Purification**

The antiserum was produced against synthesized phosphopeptide derived from human BTK around the phosphorylation site of tyrosine 551 (D-E-Y<sup>P</sup>-T-S).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

#### **Application Notes**

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 ELISA: 1:40000

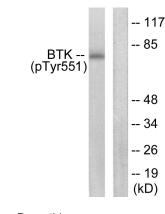
#### Storage Buffer

Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

# **Storage Instructions**

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

#### **Images**



P-peptide - +

Western blot analysis of extracts from HeLa cells, treated with  $H_2O_2$  (100uM, 30mins), using BTK (phospho-Tyr551)antibody.

