

## Phospho-Btk-Y223

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IF

**Recommended Dilution:** WB 1:500 - 1:2000 IF 1:20 - 1:100

**Calculated MW:** 76kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding Y223 of human Btk

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

b

**Synonym:**

AT; ATK; BPK; XLA; IMD1; AGMX1; PSCTK1

**Catalog #:** AP0100

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 695

**Isotype:** IgG

**Swiss Prot:** Q06187

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene 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.

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