

## Product datasheet for **TA348449**

### BTK Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Phospho-BTK(Tyr223) Antibody: A synthesized peptide derived from human BTK around the phosphorylation site of Tyrosine 223
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	80 kDa
Gene Name:	Bruton tyrosine kinase
Database Link:	<a href="#">NP_000052</a> <a href="#">Entrez Gene 12229 Mouse</a> <a href="#">Entrez Gene 367901 Rat</a> <a href="#">Entrez Gene 695 Human</a> <a href="#">Q06187</a>
Background:	Defects in the Bruton tyrosine kinase (BTK) gene cause Agammaglobulinemia. Agammaglobulinemia is an X-linked immunodeficiency characterized by failure to produce mature B lymphocyte cells and associated with a failure of Ig heavy chain rearrangement. [provided by RefSeq]
Synonyms:	AGMX1; AT; ATK; BPK; IMD1; PSCTK1; XLA



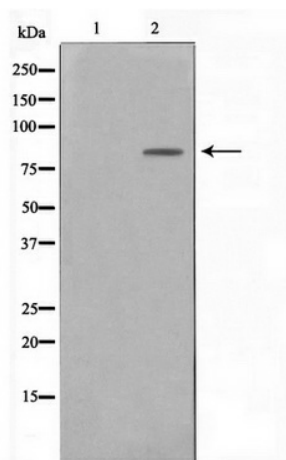
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**Note:** Phospho-BTK(Tyr223) Antibody detects endogenous levels of BTK only when phosphorylated at Tyrosine 223

**Protein Families:** Druggable Genome, Protein Kinase

**Protein Pathways:** B cell receptor signaling pathway, Fc epsilon RI signaling pathway, Primary immunodeficiency

**Product images:**



Western blot analysis on HeLa cell lysate using Phospho-BTK (Tyr223) Antibody