

Product datasheet for **TA313378**

BTK Rabbit Polyclonal Antibody

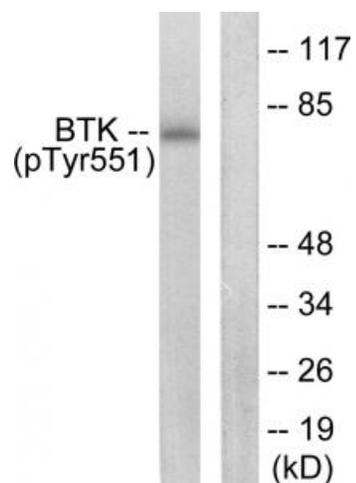
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:3000, ELISA: 1:40000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human BTK around the phosphorylation site of tyrosine 551 (D-E-YP-T-S).
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Bruton tyrosine kinase
Database Link:	NP_000052 Entrez Gene 12229 Mouse Entrez Gene 367901 Rat Entrez Gene 695 Human Q06187
Synonyms:	AGMX1; AT; ATK; BPK; IMD1; PSCTK1; XLA
Note:	BTK (phospho-Tyr551) antibody detects endogenous levels of BTK only when phosphorylated at tyrosine 551.
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	B cell receptor signaling pathway, Fc epsilon RI signaling pathway, Primary immunodeficiency



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Product images:



Western blot analysis of extracts from HeLa cells, treated with H₂O₂ (100uM, 30mins), using BTK (phospho-Tyr551) antibody. The lane on the right is treated with the synthesized peptide.