

## Product datasheet for **TA365536**

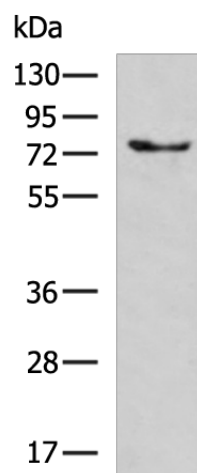
### BTK Rabbit Polyclonal Antibody

#### Product data:

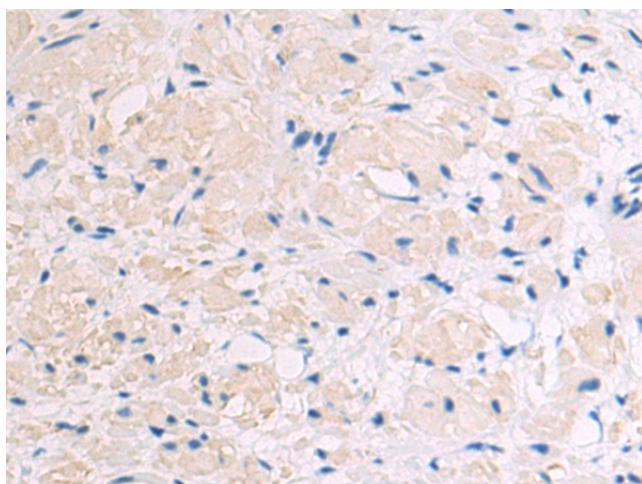
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: RAMOS cell lysate IHC: 50-200 Positive control: Human prostate cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BTK
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	76 kDa
Gene Name:	Bruton tyrosine kinase
Database Link:	<a href="#">Entrez Gene 695 Human Q06187</a>
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.
Synonyms:	AGMX1; AT; ATK; BPK; IMD1; MGC126261; MGC126262; PSCTK1; XLA



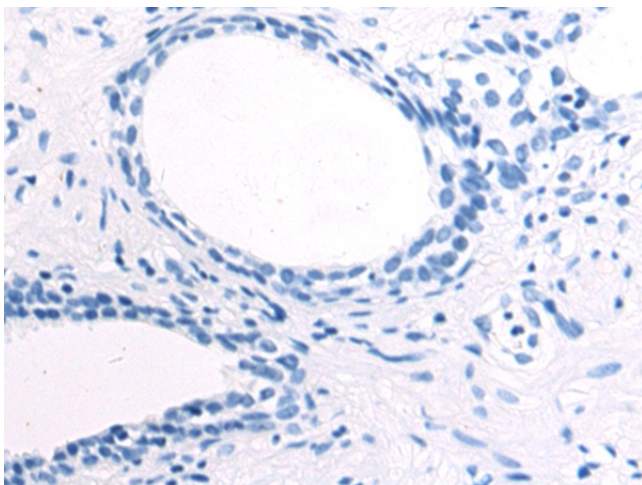
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**Product images:**

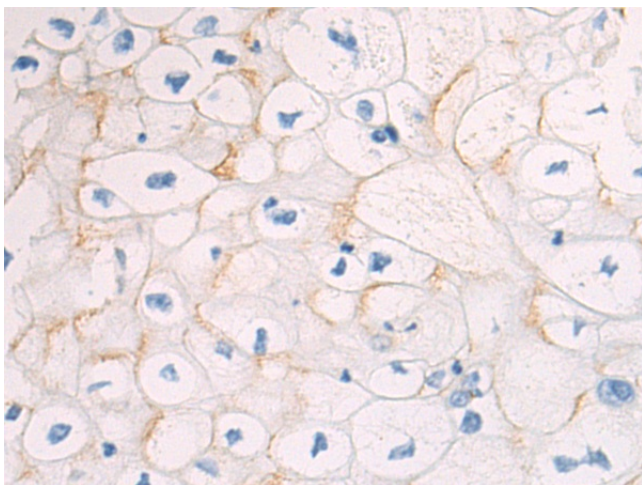
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: RAMOS cell lysate  
Primary antibody: TA365536 (BTK Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 2 minutes



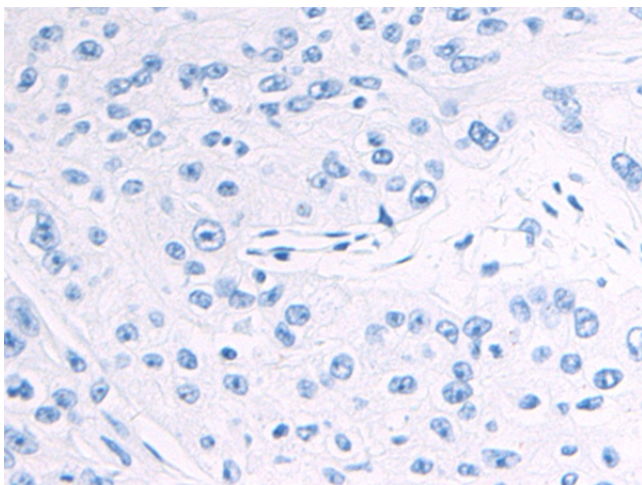
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA365536 (BTK Antibody) at dilution 1/50 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA365536 (BTK Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA365536 (BTK Antibody) at dilution 1/50 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA365536 (BTK Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: x200)