

Datasheet for ABIN6137687
anti-BTK antibody (AA 173-272)



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1 Image

Overview

Quantity:	100 µL
Target:	BTK
Binding Specificity:	AA 173-272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 173-272 of human BTK (NP_000052.1).
Sequence:	GSLKPGSSHR KTKKLPPTP EEDQILKKPL PPEPAAAPVS TSELKKVVAL YDYMPMNAND LQLRKGDEYF ILEESNLPWW RARDKNGQEG YIPSNYVTEA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

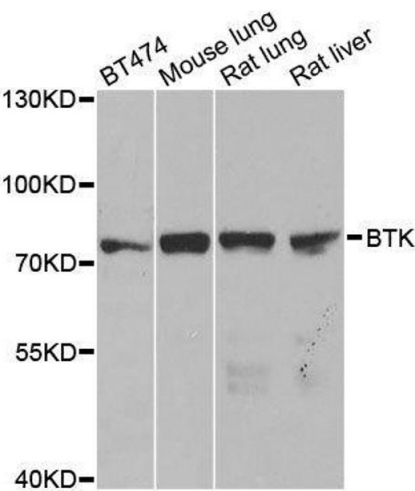
Target:	BTK
Alternative Name:	BTK (BTK Products)
Background:	The protein encoded by this gene plays a crucial role in B-cell development. Mutations in this gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement. Alternative splicing results in multiple transcript variants encoding different isoforms.,AGMX1,AT,ATK,BPK,IMD1,PSCTK1,XLA,BTK,Signal Transduction,Kinase,Tyrosine kinases,Cell Biology & Developmental Biology,Apoptosis,Immunology & Inflammation,B Cell Receptor Signaling Pathway,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,BTK
Molecular Weight:	76 kDa/79 kDa
Gene ID:	695
UniProt:	Q06187
Pathways:	Fc-epsilon Receptor Signaling Pathway , Hormone Transport , Activation of Innate immune Response , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , Toll-Like Receptors Cascades , BCR Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using BTK antibody.