

Datasheet for ABIN3030207
anti-BTK antibody (AA 27-55)

5 Images

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Overview

Quantity:	0.4 mL
Target:	BTK
Binding Specificity:	AA 27-55
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 27-55 from the human protein was used as the immunogen for this BTK antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Chicken
Purification:	Antigen affinity purified

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

Target Details

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.

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: Titration of the BTK antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

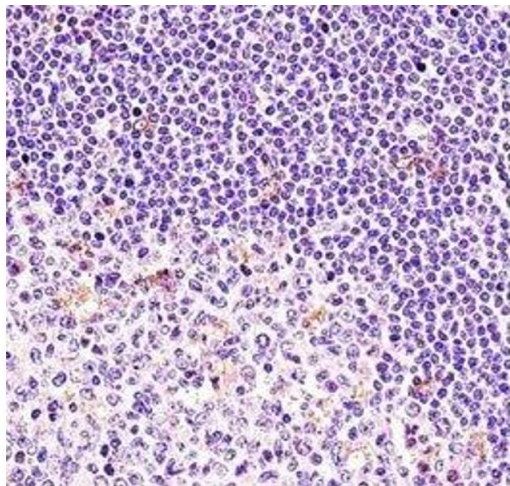
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

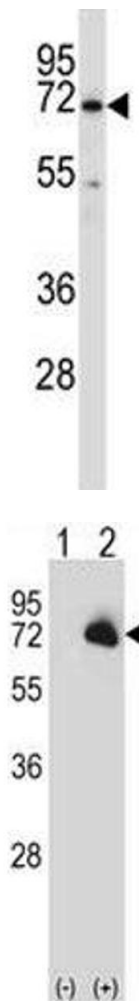
Storage: -20 °C

Storage Comment: Aliquot the BTK antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



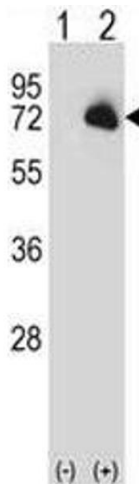
Immunohistochemistry

Image 1. BTK antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue.



Western Blotting

Image 2. BTK antibody western blot analysis in HL-60 lysate



Western Blotting

Image 3. Western blot analysis of BTK antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the BTK gene.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030207.