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Datasheet for ABIN2855016 anti-BTK antibody (C-Term)

3 Images



Overview

Quantity:	100 μL
Target:	ВТК
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human BTK. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Cow (Bovine), Chicken, Pig (Porcine), Rat (Rattus)
Cross-Reactivity (Details):	Chicken (86 %), Pig (99 %), Rat (98 %), Bovine (98 %)
Characteristics:	Rabbit Polyclonal antibody to BTK (Bruton agammaglobulinemia tyrosine kinase) BTK antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.

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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 chair rearrangement.
	Cellular Localization: Cytoplasm , Membrane, Peripheral membrane protein , Nucleus , Cytoplasm , Membrane , Nucleus
Molecular Weight:	76 kDa
Gene ID:	695
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:	Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000*
	Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations
	should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed
	paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: Molt-4
Restrictions:	For Research Use only

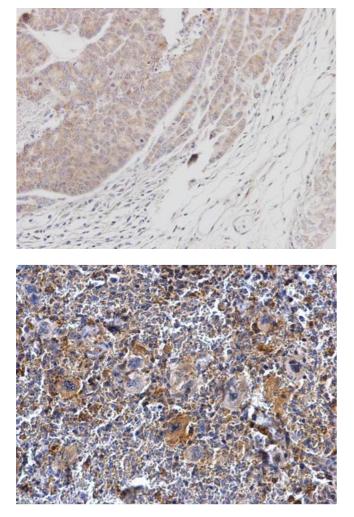
Handling

Format:	Liquid
Concentration:	0.62 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

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Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images

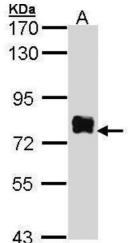


Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded SAS xenograft, using BTK, antibody at 1:100 dilution.

Immunohistochemistry

Image 2. IHC-P Image BTK antibody [C1C3] detects BTK protein at cytosol on mouse spleen by immunohistochemical analysis. Sample: Paraffin-embedded mouse spleen. BTK antibody [C1C3], dilution: 1:500.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: Molt-4 , 7.5% SDS PAGE antibody diluted at 1:500

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