

Datasheet for ABIN2854388
anti-BLK antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µL
Target:	BLK
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BLK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human BLK. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Cow (Bovine)
Cross-Reactivity (Details):	Mouse (96 %), Rat (96 %), Bovine (95 %)
Characteristics:	Rabbit Polyclonal antibody to BLK (B lymphoid tyrosine kinase) BLK antibody [N3C2], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

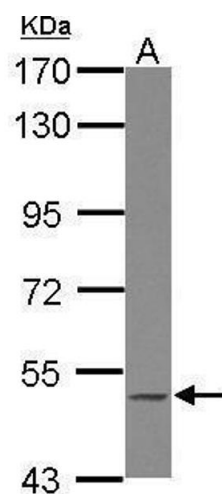
Target:	BLK
Alternative Name:	BLK (BLK Products)
Background:	This gene encodes a nonreceptor tyrosine-kinase of the src family of proto-oncogenes that are typically involved in cell proliferation and differentiation. The protein has a role in B-cell receptor signaling and B-cell development. The protein also stimulates insulin synthesis and secretion in response to glucose and enhances the expression of several pancreatic beta-cell transcription factors.
Molecular Weight:	58 kDa
Gene ID:	640
Pathways:	Positive Regulation of Peptide Hormone Secretion , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000*
Comment:	Positive Control: Jurkat , Raji
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.02 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 20 % 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
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
Jurkat 7.5% SDS PAGE antibody diluted at 1:1000