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# Datasheet for ABIN360675 anti-CIB2 antibody (N-Term)

2 Images



#### Overview

Quantity:	0.4 mL
Target:	CIB2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human KIP2.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to KIP2.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

#### Target Details

Target:	CIB2
Alternative Name:	CIB2 (CIB2 Products)

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### Target Details

Storage:

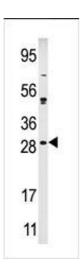
Storage Comment:

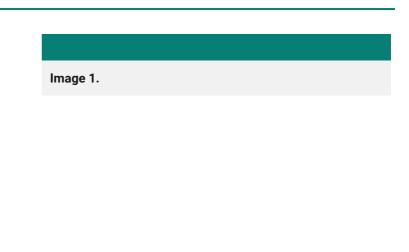
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Background:	DNA-dependent protein kinases (DNA-PK) play a role in the repair of double-strand DNA breaks
	and in the process of V(D)J recombination during lymphoid development. By EST database
	searching for sequences homologous to the DNA-PK gene KIP/CIB and 5-prime RACE, Seki, N
	et al. isolated a full-length cDNA, which they designated as KIP2, from a human fetal brain
	cDNA library. KIP2 encodes a deduced 187-amino acid protein with a predicted molecular mass
	of 22 kD. The KIP2 protein shares 46 % , 39 %, and 30 % sequence identity with the calcium-
	binding proteins KIP/CIB, calcineurin B and calmodulin respectively. KIP2 contains two EF-hand
	motifs and a helix-loop-helix motif involved in coordinating the calcium ion, indicating that KIP2
	may also bind calcium. KIP2 is ubiquitously expressed in various human tissues.Synonyms:
	CIB2, Calcium and integrin-binding family member 2, KIP 2, KIP2, Kinase-interacting protein 2
Gene ID:	10518, 9606
UniProt:	075838
Application Details	
Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.

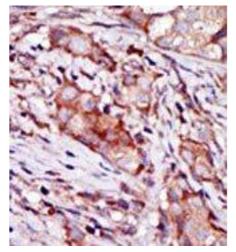
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Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

4 °C/-20 °C









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