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anti-CIB1 antibody (N-Term)





Overview

Quantity:	0.1 mL
Target:	CIB1
Binding Specificity:	AA 1-191, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CIB1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

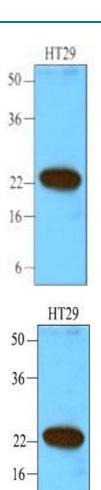
Product Details

Immunogen:	Recombinant human CIB1 (1-191aa) purified from E. coli
Clone:	1D1
Isotype:	lgG2b
Specificity:	This antibody is specific for CIB1.
Characteristics:	Synonyms: Calmyrin, KIP, PRKDCIP, SIP2-28, CIBP, Calcium and integrin-binding protein 1,DNA-PKcs-interacting protein, Kinase-interacting protein, SNK-interacting protein 2-28
Purification:	Protein-G affinity chromatography

Target Details

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Alternative Name:	CIB1 (CIB1 Products)	
Background:	CIB1 (Calcium and integrin binding 1) is regulatory protein with 50 % homology to calmodulin and calcineurin B, that encodes a member of the calcium-binding protein family. The specific function of this protein has not yet been determined, however this protein is known to interact with DNA-dependent protein kinase and may play a role in kinase-phosphatase regulation of DNA end joining. Also CIB1 is widely expressed and binds to a number of effectors, such as integrin allb, PAK1, and polo-like kinases in different tissues. Synonyms: CIBP, Calcium and integrin-binding protein 1, Calmyrin, DNA-PKcs-interacting protein, KIP, Kinase-interacting protein, PRKDCIP, SIP2-28, SNK-interacting protein 2-28	
Gene ID:	10519	
UniProt:	Q99828	
Application Details		
Application Notes:	Western blot (1: 1000 approx. 1: 2,000). ELISA. 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:	1.0 mg/mL	
Buffer:	Phosphate-Buffered Saline (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:	4 °C/-20 °C	
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoidrepeated freezing and thawing. Shelf life: one year from despatch.	
Expiry Date:	12 months	



Western Blotting

Image 1.

Western Blotting

Image 2.