

CIB1 Polyclonal Antibody | anti-CIB1 antibody

Anti-CIB1 Antibody

CATALOG # AAA46388	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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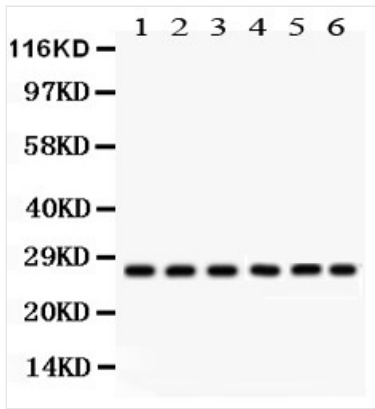
PRODUCT SYNONYMS

CIB1; Polyclonal Antibody; Anti-CIB1 Antibody; Calcium and integrin-binding protein 1; Calcium and integrin binding 1 (calmyrin); Calcium and integrin binding protein 1; Calcium- and integrin-binding protein; Calmyrin; CIB; CIB1_HUMAN; CIBP; DNA PKcs interacting protein; DNA-dependent protein kinase interacting protein; DNA-PK interaction protein; DNA-PKcs-interacting protein; Human Snk interacting protein 2 to 28 mRNA complete cds; Kinase interacting protein; Kinase-interacting protein 1; Kinase-interacting protein; KIP; KIP1; PRKDCIP; SIP2 28; SIP2-28; SNK interacting protein 2 to 28; SNK-interacting protein 2-28; calcium and integrin binding 1 (calmyrin); anti-CIB1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	231
Applicable Applications for anti-CIB1 antibody	WB (Western Blot)
Immunogen	E Coli-derived human CIB1 recombinant protein (Position: S6-L191). Human CIB1 shares 93.5% amino acid (aa) sequence identity with both mouse and rat CIB1.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti- CIB1 Picoband antibody, AAA46388, Western blottingAll lanes: Anti CIB1 (AAA46388)
at 0.5ug/mlLane 1: Rat Spleen Tissue Lysate at 50ugLane 2: Rat Brain Tissue Lysate at
50ugLane 3: Rat Thymus Tissue Lysate at 50ugLane 4: Human Placenta Tissue Lysate at
50ugLane 5: MCF-7 Whole Cell Lysate at 40ugLane 6: NIH3T3 Whole Cell Lysate at
40ugPredicted bind size: 27KDObserved bind size: 27KD

ADDITIONAL INFORMATION

Related Product Information for anti-CIB1 antibody	Description: Rabbit IgG polyclonal antibody for Calcium and integrin-binding protein 1(CIB1) detection. Tested with WB in Human;Mouse;Rat. Background: Calcium and integrin-binding protein 1 is a protein that in humans is encoded by the CIB1 gene. This gene encodes a member of the EF-hand domain-containing calcium-binding superfamily. And this protein interacts with many other proteins, including the platelet integrin alpha-IIb-beta-3, DNA-dependent protein kinase, presenilin-2, focal adhesion kinase, p21 activated kinase, and protein kinase D. Moreover, the encoded protein may be involved in cell survival and proliferation, and is associated with several disease states including cancer and Alzheimer's disease. Alternative splicing results in multiple transcript variants.
References	1. "Entrez Gene: CIB1 calcium and integrin binding 1 (calmyrin)". 2. Hattori A, Seki N, Hayashi A, Kozuma S, Saito T (Aug 2000). "Genomic structure of mouse and human genes for DNA-PKcs interacting protein (KIP)". DNA Seq 10 (6): 415-8. 3. Naik UP, Patel PM, Parise LV (Apr 1997). "Identification of a novel calcium-binding protein that interacts with the integrin alphabeta cytoplasmic domain". J Biol Chem 272 (8): 4651-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	480540325
NCBI GeneID	10519
NCBI Accession #	NP_001264693.1
NCBI GenBank Nucleotide #	NM_001277764.1
UniProt Accession #	Q99828; O00693; O00735; Q6IB49; Q96J54; Q99971; B5BU40; H6WJF3
NCBI Official Full Name	calcium and integrin-binding protein 1 isoform a
NCBI Official Synonym Full Names	calcium and integrin binding 1
NCBI Official Symbol	CIB1
NCBI Official Synonym Symbols	CIB; CIBP; KIP1; PRKDCIP; SIP2-28
NCBI Protein Information	calcium and integrin-binding protein 1
UniProt Protein Name	Calcium and integrin-binding protein 1
UniProt Gene Name	CIB1

UniProt Synonym Gene Names	CIB; KIP; PRKDCIP; CIB; CIBP; KIP; SIP2-28
UniProt Entry Name	CIB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/cib1-antibody-western-blot-elisa/46388>