

anti-Human CIB1 Antibody | anti-CIB1 antibody

CIB1 Antibody

CATALOG # AAA108857	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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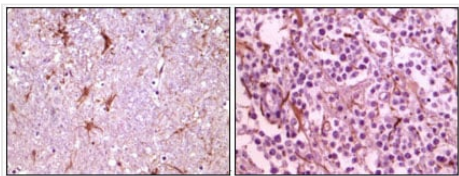
PRODUCT SYNONYMS

CIB1; CIB1 Antibody; CIB; KIP; KIP1; SIP2-28; anti-CIB1 antibody

PRODUCT SPECIFICATIONS

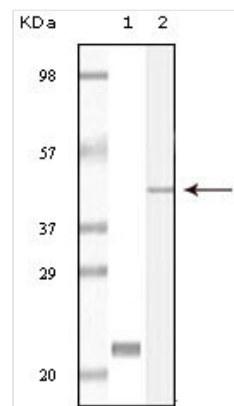
Reactivity	Human
Clone Number	5A1F5E12; 5A1H7E12
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	191
Applicable Applications for anti-CIB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of CIB1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



Application Data

Figure 2. Immunohistochemical analysis of paraffin-embedded human thalamus (left) and glioma (right) tissue, showing membrane localization using CIB1 mouse mAb with DAB staining.



Application Data

Figure 1. Western blot analysis using CIB1 mouse mAb against truncated CIB1 recombinant protein (1) and A431 cell lysate (2).

ADDITIONAL INFORMATION

Related Product Information for anti-CIB1 antibody

CIB1(also designated calcium and integrin binding 1 or calmyrin), with 191-amino acid protein(about 21kDa), belongs to the calcium-binding protein family.CIB1 is known to interact with DNA-dependent protein kinase and may play a role in kinase-phosphatase regulation of DNA end joining.CIB1 is an EF-hand-containing protein that binds multiple effector proteins, including the platelet alpha(IIb)beta(3) integrin and several serine/threonine kinases and potentially modulates their function.CIB1 regulates platelet aggregation in hemostasis through a specific interaction with the alpha(IIb) cytoplasmic domain of platelet integrin alpha(IIb)beta(3). CIB1 is also ubiquitously expressed activating and inhibiting protein ligand of the InsP3R.

Product Categories/Family for anti-CIB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	163644313
NCBI GeneID	10519
NCBI Accession #	NP_006375.2
NCBI GenBank Nucleotide #	NM_006384.3
UniProt Accession #	Q99828; O00693; O00735; Q6IB49; Q96J54; Q99971; B5BU40; H6WJF3
Molecular Weight	26,032 Da
NCBI Official Full Name	calcium and integrin-binding protein 1 isoform b
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

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.