

Rabbit anti-Human KIP2 Polyclonal Antibody | anti-CIB2 antibody

KIP2 Antibody (N-term)

CATALOG # AAA285952	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

KIP2; Polyclonal Antibody; KIP2 Antibody (N-term); Calcium and integrin-binding family member 2; Kinase-interacting protein 2; KIP 2; CIB2; anti-CIB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KIP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-37 amino acids from the N-terminal region of human KIP2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	8-37
Sequence Length	187
Applicable Applications for anti-CIB2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Western blot analysis of anti-KIP2 Pab in Ramos cell line lysate (35ug/lane). KIP2(arrow) was detected using the purified Pab

ADDITIONAL INFORMATION

Related Product Information for anti-CIB2 antibody	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.
Product Categories/Family for anti-CIB2 antibody	Signal Transduction
References	Seki, N., et al., Biochim. Biophys. Acta 1444(1):143-147 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453708
NCBI GeneID	10518
NCBI Accession #	NP_006374.1
NCBI GenBank Nucleotide #	NM_006383.3
UniProt Accession #	O75838; Q05BT6; B4DDF0; H0YM71
Molecular Weight	21644
NCBI Official Full Name	calcium and integrin-binding family member 2 isoform 1
NCBI Official Synonym Full Names	calcium and integrin binding family member 2
NCBI Official Symbol	CIB2
NCBI Official Synonym Symbols	KIP2; USH1J; DFNB48
NCBI Protein Information	calcium and integrin-binding family member 2
UniProt Protein Name	Calcium and integrin-binding family member 2
UniProt Gene Name	CIB2
UniProt Synonym Gene Names	KIP2; KIP 2
UniProt Entry Name	CIB2_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://stage.aaabiotech.com/polyclonal/kip2-antibody-western-blot-immunohistochemistry-elisa/285952>