



CIB2 Polyclonal Antibody

E20-70925

Catalog Number:E20-70925

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Immunogen Description:The antiserum was produced against synthesized peptide derived from human CIB2. AA range:21-70

Calculated MW:21644 Da

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:CIB2

Dilution:Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Protein Name:Calcium and integrin-binding family member 2

Human Gene Id:10518

Human Swiss Prot No:O75838

Mouse Gene Id:56506

Mouse Swiss Prot No:Q9Z309

Rat Gene Id:300719

Rat Swiss Prot No:Q568Z7

Specificity:CIB2 Polyclonal Antibody detects endogenous levels of CIB2 protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:CIB2; KIP2; Calcium and integrin-binding family member 2; Kinase-interacting protein 2; KIP 2

Background:calcium and integrin binding family member 2(CIB2) Homo sapiens The protein encoded by this gene is similar to that of KIP/CIB, calcineurin B, and calmodulin. The encoded protein is a calcium-binding regulatory protein that interacts with DNA-dependent protein kinase catalytic subunits (DNA-PKcs), and it is involved in photoreceptor cell maintenance. Mutations in this gene cause deafness, autosomal recessive, 48 (DFNB48), and also Usher syndrome 1J (USH1J). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],

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Function:similarity:Contains 3 EF-hand domains.,tissue specificity:Ubiquitous.,

Subcellular Location:photoreceptor outer segment,photoreceptor inner segment,cytoplasm,muscle tendon
junction,neuromuscular junction,stereocilium,sarcolemma,blood microparticle,

Expression:Brain,Fetal brain,Skin,

