

CIB4 polyclonal antibody

Catalog: BS60122

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

CIB4 (calcium and integrin-binding family member 4) is a 185 amino acid protein that contains three EF-hand domains. CIB4 is closely related to CIB (CIB has one less EF-hand domain), which is known to bind to Integrin α IIb in platelets and is involved in signal transduction. The gene encoding CIB4 maps to human chromosome 2, which houses over 1,400 genes and comprises nearly 8% of the human genome. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene, while the lipid metabolic disorder sitosterolemia is associated with defects in the ABCG5 and ABCG8 genes. Additionally, an extremely rare recessive genetic disorder, Alström syndrome, is caused by mutations in the ALMS1 gene, which maps to chromosome 2.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH 7.2

Molecular Weight:

~ 22 kDa

Swiss-Prot:

A0PJX0

Purification & Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

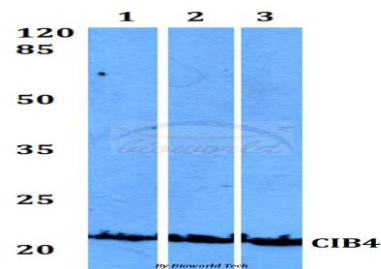
Storage & Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CIB4 polyclonal antibody detects endogenous levels of CIB4 protein.

DATA:



Western blot (WB) analysis of CIB4 polyclonal antibody at 1:500 dilution

Lane 1: HepG2 whole cell lysate

Lane 2: Mouse kidney tissue lysate

Lane 3: Rat liver tissue lysate

Note:

For research use only, not for use in diagnostic procedure.

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