CHERP polyclonal antibody

Catalog: BS60123 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The regulation of the intracellular concentration of calcium is important for proper maintenance of voltage-gated ion channels which control muscle and nerve function. Calcium homeostasis is regulated by a variety of proteins. CHERP (calcium homeostasis endoplasmic reticulum protein), also known as SRA1, DAN16 or SCAF6, is a 916 amino acid protein that localizes to the cytoplasm and the endoplasmic reticulum (ER). Expressed in pancreas, brain, lung, placenta, liver, kidney, heart and skeletal muscle, CHERP is involved in maintaining calcium homeostasis and plays a role in cell growth and proliferation. CHERP contains one G-patch domain, one RPR domain and one SURP motif and is expressed as two isoforms due to alternative splicing events.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 104 kDa

Swiss-Prot:

Q8IWX8

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

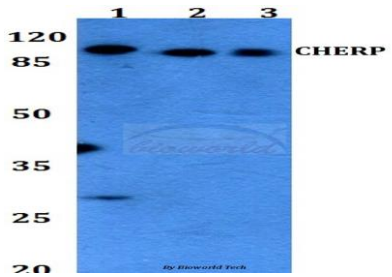
Storage&Stability:

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

Specificity:

CHERP polyclonal antibody detects endogenous levels of CHERP protein.

DATA:



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

Lane1:THP-1 whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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