

Anti-CHERP Antibody

Catalog # AP51737

Product Information

Application	WB
Primary Accession	Q8IWX8
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103702

Additional Information

Gene ID	10523
Other Names	DAN26; SCAF6; Calcium homeostasis endoplasmic reticulum protein; ERPROT 213-21; SR-related CTD-associated factor 6
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CHERP. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

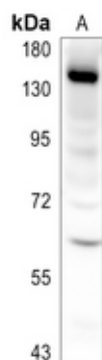
Name	CHERP (HGNC:16930)
Function	Involved in calcium homeostasis, growth and proliferation.
Cellular Location	Cytoplasm. Cytoplasm, perinuclear region. Endoplasmic reticulum. Note=Distributed throughout the cytoplasm and also localizes to the perinuclear region of both human erythroleukemia (HEL) cells and Jurkat cells. Colocalizes with ITPR1
Tissue Location	Expressed in brain, placenta, lung, liver, kidney, pancreas, cardiac and skeletal muscle, and in cultured HEL and Dami cells.

References

Sampson N.D.,et al.Submitted (AUG-2002) to the EMBL/GenBank/DDBJ databases.

Grimwood J.,et al.Nature 428:529-535(2004).
Imbert G.,et al.Nat. Genet. 14:285-291(1996).
LaPlante J.M.,et al.Biochem. J. 348:189-199(2000).
O'Rourke F.,et al.Biochem. J. 300:673-683(1994).

Images



Western blot analysis of CHERP expression in HeLa (A) whole cell lysates. (Predicted band size: 103 kD; Observed band size: 140 kD)

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