Rabbit anti-Human CHERP Polyclonal Antibody | anti-CHERP antibody

Anti-CHERP Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256139	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

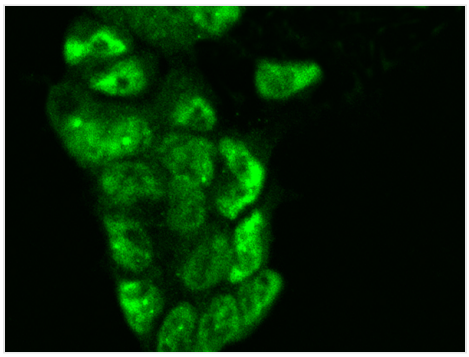
PRODUCT SYNONYMS

CHERP; Polyclonal Antibody; Anti-CHERP Antibody; Rabbit Polyclonal; CHERP Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-DAN16 Antibody; Anti-SCAF6 Antibody; Anti-SRA1 Antibody; anti-CHERP antibody

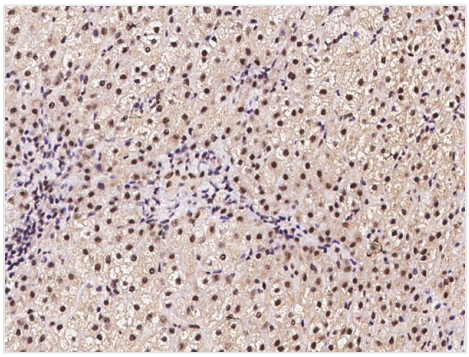
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CHERP
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CHERP antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human CHERP fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CHERP fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

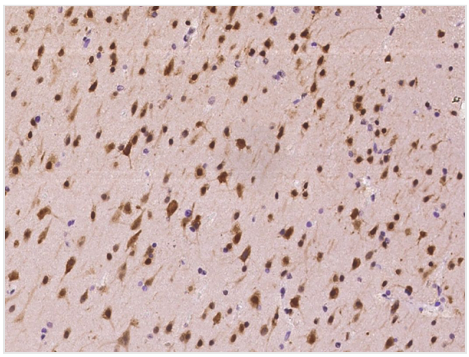
IMAGES



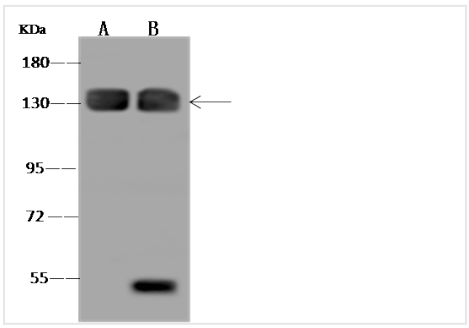
IF (Immunofluorescence)
Immunofluorescence staining of CHERP in HEK293 cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human CHERP polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



IHC (Immunohistochemisry)
Immunochemical staining of human CHERP in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohiostchemistry)
Immunochemical staining of human CHERP in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-CHERP rabbit polyclonal antibody at 1:500 dilutionLane A: 293T Whole Cell LysateLane B: U-251MG Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:104 kDaObserved band size:130 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CHERP antibody	Ca(2+) homeostasis endoplasmic reticulum protein (CHERP) is a ubiquitously expressed protein that has been proposed as a regulator of both major families of endoplasmic reticulum Ca(2+) channels, inositol 1, 4, 5-trisphosphate receptors (IP(3)Rs) and ryanodine receptors (RyRs), with resulting effects on mitotic cycling. CHERP, containing a Pro-rich region and a phosphorylated Ser/Arg-rich RS-like domain, is a novel Ca(2+)-dependent ALG-2-interactive target in the nucleus. Dysregulation of calcium homeostasis endoplasmic reticulum protein (CHERP) has been implicated in several cancers, such as neuroblastoma and colorectal cancer.
References	Wang Q, et al. (2019) U2-related proteins cherp and sr140 contribute to colorectal tumorigenesis via alternative splicing regulation. Int J Cancer 145 (10): 2728-2739.Lin-Moshier Y, et al. (2013) Re-evaluation of the role of calcium homeostasis endoplasmic reticulum protein (cherp) in cellular calcium signaling. J Biol Chem 288 (1): 355-367.Laplante JM, et al. (2000) Cloning of human ca2+ homoeostasis endoplasmic reticulum protein (cherp): Regulated expression of antisense cdna depletes cherp, inhibits intracellular ca2+ mobilization and decreases cell proliferation. Biochem J 348 Pt 1 (Pt 1): 189-199.

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Online datasheet: https://www.aaabiotech.com/polyclonal/cherp-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/256139