

Rabbit CHP Polyclonal Antibody | anti-CHP antibody

CHP Polyclonal Antibody

CATALOG # AAA294487	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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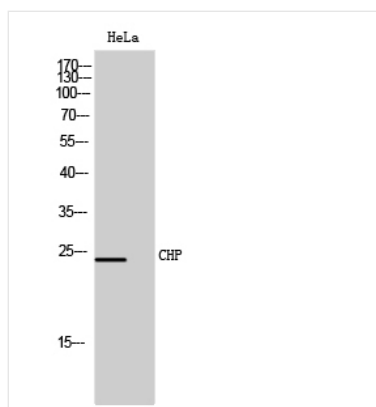
PRODUCT SYNONYMS

CHP; Polyclonal Antibody; CHP Polyclonal Antibody; CHP1; Calcineurin B homologous protein 1; Calcineurin B-like protein; Calcium-binding protein CHP; Calcium-binding protein p22; EF-hand calcium-binding domain-containing protein p22; anti-CHP antibody

PRODUCT SPECIFICATIONS

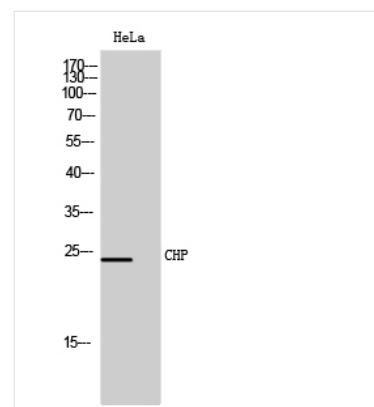
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-CHP antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-CHP antibody	Calcium-binding protein involved in different processes such as regulation of vesicular trafficking, plasma membrane Na (+)/H (+) exchanger and gene transcription. Involved in the constitutive exocytic membrane traffic. Mediates the association between microtubules and membrane-bound organelles of the endoplasmic reticulum and Golgi apparatus and is also required for the targeting and fusion of transcytotic vesicles (TCV) with the plasma membrane. Functions as an integral cofactor in cell pH regulation by controlling plasma membrane-type Na (+)/H (+) exchange activity. Affects the pH sensitivity of SLC9A1/NHE1 by increasing its sensitivity at acidic pH. Required for the stabilization and localization of SLC9A1/NHE1 at the plasma membrane. Inhibits serum- and GTPase-stimulated Na (+)/H (+) exchange. Plays a role as an inhibitor of ribosomal RNA transcription by repressing the nucleolar UBF1 transcriptional activity. May sequester UBF1 in the nucleoplasm and limit its translocation to the nucleolus. Associates to the ribosomal gene promoter. Acts as a negative regulator of the calcineurin/NFAT signaling pathway. Inhibits NFAT nuclear translocation and transcriptional activity by suppressing the calcium-dependent calcineurin phosphatase activity. Also negatively regulates the kinase activity of the apoptosis-induced kinase STK17B. Inhibits both STK17B auto- and substrate- phosphorylations in a calcium-dependent manner.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6005731
NCBI GeneID	11261
NCBI Accession #	NP_009167.1
NCBI GenBank Nucleotide #	NM_007236.4
UniProt Accession #	Q99653; Q6FHZ9; B2R6H9
Molecular Weight	22,456 Da
NCBI Official Full Name	calcineurin B homologous protein 1
NCBI Official Synonym Full Names	calcineurin-like EF-hand protein 1
NCBI Official Symbol	CHP1
NCBI Official Synonym Symbols	CHP; p22; p24; Sid470p; SLC9A1BP
NCBI Protein Information	calcineurin B homologous protein 1; SLC9A1 binding protein; calcineurin B-like protein; calcium binding protein P22; calcium-binding protein CHP; calcium-binding protein p22; calcineurin homologous protein; calcineurin-like EF hand protein 1; EF-hand calc
UniProt Protein Name	Calcineurin B homologous protein 1
UniProt Gene Name	CHP1
UniProt Synonym Gene Names	CHP
UniProt Entry Name	CHP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chp-antibody-western-blot-elisa/294487>