

Rabbit CHP Polyclonal Antibody | anti-CHP1 antibody

CHP antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200240	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CHP; Polyclonal Antibody; CHP antibody - N-terminal region; anti-CHP1 antibody

PRODUCT SPECIFICATIONS

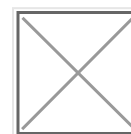
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FT SLDKGENGTL SREDFQRIPE LAINPLGDRI INAFFPEGED QVNFRGFM
Sequence Length	195
Applicable Applications for anti-CHP1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CHP
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CHP Antibody Titration: 0.2-1 ug/ml
Positive Control: 721_B cell lysate
CHP1 is supported by BioGPS gene expression data to be expressed in 721_B



IHC (Immunohistochemistry)

Rabbit Anti-CHP1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver
Observed Staining: Cytoplasm and Membrane, moderate signal, low tissue distribution
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-CHP1 antibody

This is a rabbit polyclonal antibody against CHP. It was validated on Western Blot

Target Description: This gene encodes a phosphoprotein that binds to the Na⁺/H⁺ exchanger NHE1. This protein serves as an essential cofactor which supports the physiological activity of NHE family members and may play a role in the mitogenic regulation of NHE1. The protein shares similarity with calcineurin B and calmodulin and it is also known to be an endogenous inhibitor of calcineurin activity.

Product Categories/Family for anti-CHP1 antibody	Polyclonal; Cell Biology; Chromatin & Nuclear Signaling; Apoptosis; DNA/RNA/Protein Interactions; Axon Guidance; MAPK Signaling; WNT Signaling
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6005731
NCBI GeneID	11261
NCBI Accession #	NP_009167
NCBI GenBank Nucleotide #	NM_007236
UniProt Accession #	Q99653
Molecular Weight	22kDa
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
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.