

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

CLPB Rabbit pAb

CATALOG # AAA283214	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

CLPB; Polyclonal Antibody; CLPB Rabbit pAb; ANKCLB; HSP78; MEGCANN; MGCA7; SKD3; caseinolytic peptidase B protein homolog; anti-CLPB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	CHSELIQLVN KELNFWAKRA KQRHNITLLW DREVADVLVD GYNVHYGARS IKHEVERRVV NQLAAAYEQD LLPGGCTLRI TVEDSDKQLL KSPELPSPQA EKRLPKLRLE IIDKDSKTRR LDIRAPLHPE KVCNTI
Applicable Applications for anti-CLPB antibody	ELISA, IHC (Immunohistochemistry)
Cross Reactivity	Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 572-707 of human CLPB (NP_110440.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney using CLPB Rabbit pAb (AAA283214) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain using CLPB Rabbit pAb (AAA283214) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CLPB antibody	This gene belongs to the ATP-ases associated with diverse cellular activities (AAA+) superfamily. Members of this superfamily form ring-shaped homo-hexamers and have highly conserved ATPase domains that are involved in various processes including DNA replication, protein degradation and reactivation of misfolded proteins. All members of this family hydrolyze ATP through their AAA+ domains and use the energy generated through ATP hydrolysis to exert mechanical force on their substrates. In addition to an AAA+ domain, the protein encoded by this gene contains a C-terminal D2 domain, which is characteristic of the AAA+ subfamily of Caseinolytic peptidases to which this protein belongs. It cooperates with Hsp70 in the disaggregation of protein aggregates. Allelic variants of this gene are associated with 3-methylglutaconic aciduria, which causes cataracts and neutropenia. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-CLPB antibody	Signal Transduction; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	385719194
NCBI GeneID	81570
NCBI Accession #	NP_001245321.1
NCBI GenBank Nucleotide #	NM_001258392.2
UniProt Accession #	Q9H078; Q8ND11; Q9H8Y0; B4DXJ7; B4DXP7; B4DXW4; E7EWN6; F8W7P6
Molecular Weight	Calculated MW: 57kDa/72kDa/74kDa/75kDa/78kDa
UniProt Protein Name	Caseinolytic peptidase B protein homolog
UniProt Gene Name	CLPB
UniProt Synonym Gene Names	HSP78; SKD3
UniProt Entry Name	CLPB_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/clpb-antibody-immunohistochemistry-elisa/283214>