

Rabbit anti-Mouse, Rat Cathepsin B Monoclonal Antibody | anti-CTSB antibody

Anti-Cathepsin B Antibody

CATALOG # AAA265640	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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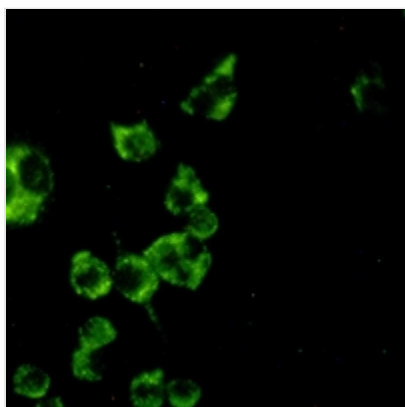
PRODUCT SYNONYMS

Cathepsin B; Monoclonal Antibody; Anti-Cathepsin B Antibody; anti-CTSB antibody

PRODUCT SPECIFICATIONS

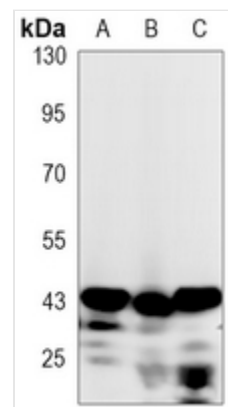
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Cathepsin B protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-CTSB antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of mouse Cathepsin B
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Cathepsin B staining in Raw264.7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of Cathepsin B expression in rat brain (A), C6 (B), NIH3T3 (C) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 44; 27; 24 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CTSB antibody	Rabbit monoclonal antibody to Cathepsin B
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6681079
NCBI GeneID	13030
NCBI Accession #	NP_031824.1
NCBI GenBank Nucleotide #	NM_007798.3
UniProt Accession #	P10605; P00787
Molecular Weight	37,280 Da
NCBI Official Full Name	cathepsin B preproprotein
NCBI Official Synonym Full Names	cathepsin B
NCBI Official Symbol	Ctsb
NCBI Official Synonym Symbols	CB
NCBI Protein Information	cathepsin B
UniProt Protein Name	Cathepsin B
UniProt Gene Name	Ctsb

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/monoclonal/cathepsin-b-antibody-immunochemistry-immunofluorescence-western-blot-elisa/265640>