

Mouse CAT Monoclonal Antibody | anti-CAT antibody

CAT antibody

CATALOG # AAA106387	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

CAT; Monoclonal Antibody; CAT antibody; Monoclonal CAT; Anti-CAT; Catalase; Cas 1; Cs1; MGC138422; MGC138424; anti-CAT antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B6
Purity/Purification	CAT antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Applicable Applications for anti-CAT antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	Catalase is a common enzyme found in nearly all living organisms that are exposed to oxygen, where it functions to catalyze the decomposition of hydrogen peroxide to water and oxygen.
Cross-Reactivity	Human, Dog, Rat, Monkey
Immunogen	CAT antibody was raised in mouse using a full length recombinant protein of human CAT (NP_111743) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of CAT protein in paraffin embedded Human liver tissue using CAT antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CAT protein (Right) or empty vector (Left) detected with CAT antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CAT antibody	Mouse monoclonal CAT antibody
Product Categories/Family for anti-CAT antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	13542055
NCBI GeneID	1441364
NCBI Accession #	NP_111743
NCBI GenBank Nucleotide #	NC_002689.2
NCBI Official Full Name	amino acid transporter
NCBI Official Symbol	TVG_RS06560

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/cat-antibody-clone-1b6-western-blot-immunohistochemistry-immunofluorescence-elisa/106387>