

Rabbit Catalase (CAT) Polyclonal Antibody | anti-CAT antibody

Polyclonal Antibody to Catalase (CAT)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132002	Rabbit	Mouse, Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Catalase (CAT); Polyclonal Antibody; Polyclonal Antibody to Catalase (CAT); anti-CAT antibody

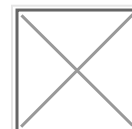
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CAT. It has been selected for its ability to recognize CAT in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-GAFGYFEV THDITRYSKA KVFEHIGKRT PIAVRFSTVT GESGSADTVR DPRGFAVKFY TEDGNWDLVG NNTPIFFIRD AILFPSFIHS QKRNPQTHLK DPDMVWDFWS LRPESLHQVS FLFSDRGIPD GHRHMNGYGS HTFKLVNADG EAVYCKFHYK TD
Sequence Length	527
Applicable Applications for anti-CAT antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CAT (Gly80~Asp239) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P. Samples: Mouse Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant CAT, Mouse.



WB (Western Blot)

Western Blot: Sample: Lane1: Human HepG2 Cells; Lane2: Human Hela Cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157951741
NCBI GeneID	12359
NCBI Accession #	NP_033934.2
NCBI GenBank Nucleotide #	NM_009804.2
UniProt Accession #	P24270; Q3TXQ6
Molecular Weight	59,795 Da
NCBI Official Full Name	catalase
NCBI Official Synonym Full Names	catalase
NCBI Official Symbol	Cat
NCBI Official Synonym Symbols	Cas1; Cs-1; Cas-1; 2210418N07
NCBI Protein Information	catalase
UniProt Protein Name	Catalase
UniProt Gene Name	Cat
UniProt Synonym Gene Names	Cas-1; Cas1

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/catalase-cat-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132002>