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

Polyclonal Antibody to Catalase (CAT)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132109	**Rabbit**	**Human, Mouse, 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	Human, Mouse, 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 andwestern blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Ant igen:Thetarge tproteinis fusedwitha His-tagand itssequenc eislistedb elow. M GHHHHHHSGS EF-SVEDAAR LSQEDPDYGI RDLFNAIATG KYPSWTFYIQ VMTFNQAETF PFNPFDLTKV WPHKDYPLIP VGKLVLNRNP VNYFAEVEQI AFDPSNMPPG IEASPDKMLQ GRLFAYPDTH RHRL
Sequence Length	527
Applicable Applications for anti-CAT antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CAT (Ser246~Leu366) expressed in E.coli.
Cross Reactivity	Human
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 (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin-embedded lung tissue

WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557014
NCBI GeneID	847
NCBI Accession #	NP_001743.1

NCBI GenBank Nucleotide #	NM_001752.3
UniProt Accession #	P04040; Q2M1U4; Q4VXX5; Q9BWT9; Q9UC85; A8K6C0; B2RCZ9; D3DR07
Molecular Weight	59,756 Da
NCBI Official Full Name	catalase
NCBI Official Synonym Full Names	catalase
NCBI Official Symbol	CAT
NCBI Protein Information	catalase
UniProt Protein Name	Catalase
UniProt Gene Name	**CAT**

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/132109