

Rabbit CAT Polyclonal Antibody | anti-CAT antibody

CAT Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168709	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

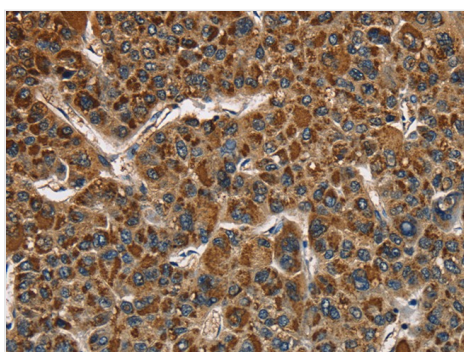
PRODUCT SYNONYMS

CAT; Polyclonal Antibody; CAT Polyclonal Antibody; anti-CAT antibody

PRODUCT SPECIFICATIONS

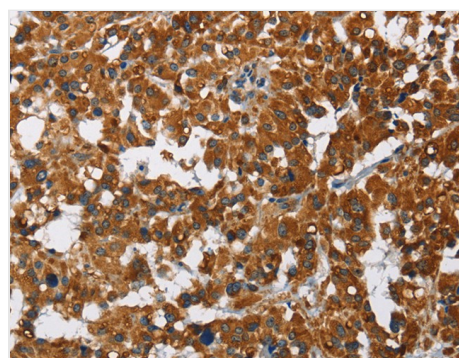
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.6mg/mL (varies by lot)
Sequence Length	219
Applicable Applications for anti-CAT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CAT
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



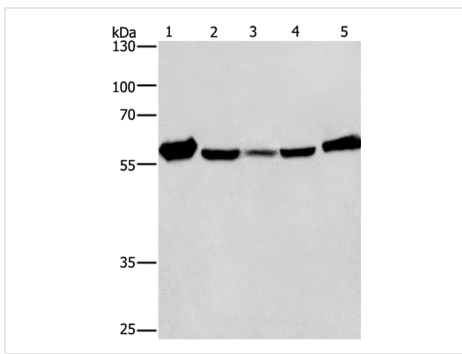
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using CAT Polyclonal Antibody at dilution of 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using CAT Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of Mouse liver tissue and Raji cell, hela, hepG2 and A549 cell using CAT Polyclonal Antibody at dilution of 1:266.6

ADDITIONAL INFORMATION

Related Product Information for anti-CAT antibody	This gene encodes catalase, a key antioxidant enzyme in the bodies defense against oxidative stress. Catalase is a heme enzyme that is present in the peroxisome of nearly all aerobic cells. Catalase converts the reactive oxygen species hydrogen peroxide to water and oxygen and thereby mitigates the toxic effects of hydrogen peroxide. Oxidative stress is hypothesized to play a role in the development of many chronic or late-onset diseases such as diabetes, asthma, Alzheimer's disease, systemic lupus erythematosus, rheumatoid arthritis, and cancers.
Product Categories/Family for anti-CAT antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	284822047
NCBI Official Full 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://www.aaabiotech.com/polyclonal/cat-antibody-immunohistochemistry-western-blot-elisa/168709>