

Anti-CAT antibody (1-225) (STJ119991)

STJ119991

GENERAL INFORMATION

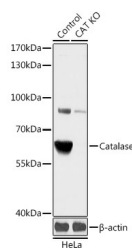
Product Type	Primary antibodies
Short Description	
Applications	WB/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:1000-1:3000
Range	ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

Gene ID	847
Gene Symbol	CAT
Uniprot ID	CATA_HUMAN
Immunogen	
Immunogen Region	1-225
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-225 of human Catalase (NP_001743.1).
Immunogen Sequence	MADSRDPASDQMQLHWKEQRA AQKADVLTTGAGNPVGDKNL VITVGPRGPLLVQDVVFTDE MAHFDREIRIPERVVHAKGAG AFGYFEVTHDITKYSKAKVF EHIGKKTPIAVRFSTVAGES GSADTVRDPGRGFAVKFYTED GNWDLVGNNTPIFFIRDPIL FPSFIHSQKRNPQTHLKDPD MWDFWLSRPESLHQVSFLF SDRGIPDGHHRMNGYGSHTF KLVNA



Western blot analysis of lysates from wild type (WT) and Catalasease knockout (KO) HeLa cells, using [KO Validated] Catalase Rabbit polyclonal antibody (STJ119991) at 1:3000 dilution. Secondary antibody: HRP-Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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