

Anti-CAT antibody (1-225) (STJ113361)
STJ113361

GENERAL INFORMATION

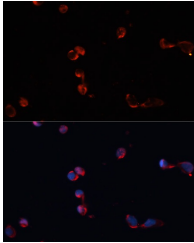
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

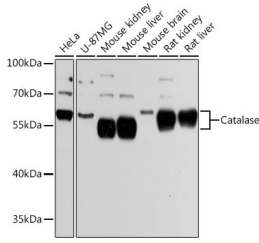
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:100 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay 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 AQKADVLTTGAGNPVGDGLN VITVGPRGPLLVQDVVFTDE MAHFDREIRIPERVVHAKGAG AFGYFEVTHDITKYSKAKVF EHIGKKTPIAVRFSTVAGES GSADTVRDPGRGFAVKFYTED GNWDLVGNNTPIFFIRDPIL FPSFIHSQKRNPQTHLKDPD MWDFWLSLRPESLHQVSFLF SDRGIPDGHHRMNGYGSHTF KLVNA



Immunofluorescence analysis of HeLa cells using Catalase Rabbit polyclonal antibody (STJ113361) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using Catalase Rabbit polyclonal antibody (STJ113361) 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: 5s.

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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