

Anti-CTSB antibody (18-339) (STJ23278)

STJ23278

GENERAL INFORMATION

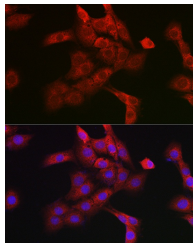
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

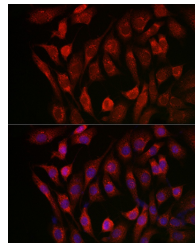
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 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

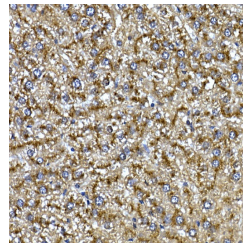
Gene ID	1508
Gene Symbol	CTSB
Uniprot ID	CATB_HUMAN
Immunogen	18-339
Region	
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 18-339 of human Cathepsin B (NP_001899.1).
Immunogen Sequence	RSRPSFHLPSDELVNYVNKR NTTWQAGHNFYNVDMSYLKR LCGTFLGGPKPPQRMFTED LKLPASFDAREQWPQCPTIK EIRDQSGSCGSCWAFGAVEAI SDRICHTNAHVSVEVSAED LLTCCGSMCGDGCNGGYPAE AWWFWTRKGLVSGGLYESHV GCRPYSIPCEHHVNGSRPP CTGEGDTPKCSKICEPGYSP TYKQDKHYGYNYSVNSEK DIMAEIYKNGPVEGAFSVY



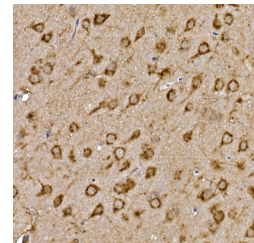
Immunofluorescence analysis of PC-12 cells using Cathepsin B Rabbit polyclonal antibody (STJ23278) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Cathepsin B Rabbit polyclonal antibody (STJ23278) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of Cathepsin B in paraffin-embedded rat liver using Cathepsin B Rabbit polyclonal antibody (STJ23278) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Cathepsin B in paraffin-embedded rat brain using Cathepsin B Rabbit polyclonal antibody (STJ23278) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081