

Anti-CTSS antibody (115-331) (STJ23285)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

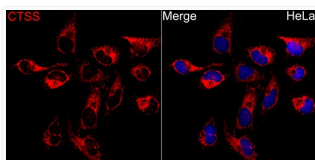
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 37kDa Observed Mw: 25kDa/37kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

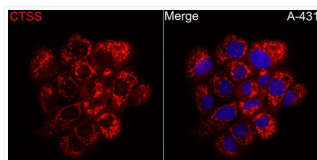
Gene ID	1520
Gene Symbol	CTSS
UniProt ID	CATS_HUMAN
Immunogen Region	115-331
Immunogen Sequence	LPDSVDWREKGCVTQYKQG SCGACWAFSAVGALEAQLKL KTGKLVSLSAQNLVDCSTEK YGNKGCGNGGFMTTAFQYIID NKGIDSDASYPYKAMDQKCC YDSKYRAATCSKYTELPYGR EDVLKEAVANKGPVSVGVDA RHPSFFLYRSGVYEPSCQ NVNHGVLVVGYGDLNGKEYW LVKNSWGHNFGEEGYIRMAR NKGNHCGIASFPSYPEI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 115-331 of human CTSS (NP_004070.3).

ADDITIONAL INFORMATION

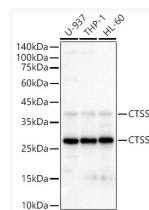
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of HeLa cells using CTSS Rabbit polyclonal antibody (STJ23285) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-431 cells using CTSS Rabbit polyclonal antibody (STJ23285) at dilution of 1:200 (40x lens). 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 CTSS Rabbit polyclonal antibody (STJ23285) at 1:800 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/ proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.