

## Anti-CTSK antibody (115-329) (STJ27699)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

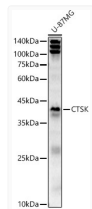
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 37kDa Observed Mw: 39kDa
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	<a href="#">1513</a>
Gene Symbol	<a href="#">CTSK</a>
UniProt ID	<a href="#">CATK_HUMAN</a>
Immunogen Region	115-329
Immunogen Sequence	APDSVDYRKKGYVTPVKNOG QCGSCWAFSSVGALEGQLKK KTGKLLNLSPQNLVDCVSEN DGCGGGYMTNAFQYVQKNRG IDSEDAYPYVQEEESCMYNP TGKAAKCRGYREIPEGNEKA LKRAVARVGPVSVVIDASLT SFQFYSKGVVYDESCNSDNL NHAVLAVGYGIQKGNKHVII KNSWGENWGNKG YILMARNK NNACGIANLASFPKM
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 115-329 of human CTSK (NP_000387.1).

### ADDITIONAL INFORMATION

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



Western blot analysis of extracts of U-87MG cells, using CTSK antibody (STJ27699) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.