

Anti-CHAT antibody (331-630) (STJ115210)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

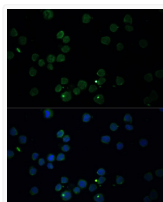
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 83kDa Observed Mw: 71kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

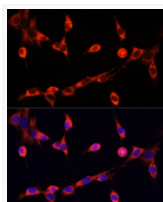
Gene ID	1103
Gene Symbol	CHAT
UniProt ID	CLAT_HUMAN
Immunogen Region	331-630
Immunogen Sequence	TQLRKIVKMASNEDERLPPI GLLTSDGRSEWAEARTVLVK DSTNRDSLDMIERCICLVCL DAPGGVELSDTHRALQLLHG GGYSKNGANRWYDKSLQFVV GRDGTGCVVCEHSPFDGIVL VQCTEHLKLVHTQSSRLIR ADSVSELPAPRRRLRWKCSPE IQGHLASSAEKLQRIVKNLD FIVYKFDNYGKTFIKKQKCS PDAFIQVALQLAFYRLHRRRL VPTYESASIRRFQEGRVDN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 331-630 of human CHAT (NP_065574.4).

ADDITIONAL INFORMATION

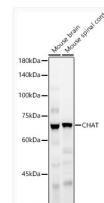
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of THP-1 cells using CHAT antibody (STJ115210) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using CHAT antibody (STJ115210) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using CHAT Rabbit polyclonal antibody (STJ115210) at 1:2500 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: 180s.