

Anti-CAPN5 antibody (361-640) (STJ29564)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

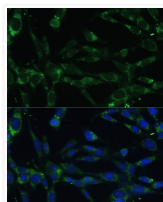
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 73kDa Observed Mw: 73kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

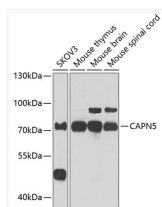
Gene ID	726
Gene Symbol	CAPN5
UniProt ID	CAN5_HUMAN
Immunogen Region	361-640
Immunogen Sequence	GAWTLHEDPRQNRGGGCINH KDTFFQNPQYIFEVKKPEDE VLICIQRPKRSTRREGKGE NLAIGFDIYKVEENRQYRMH SLQHKAAASSIYINSRSVFLR TDQPEGRYVIPTTFEPGHT GEFLLRVFTDVPSNCRELRRL DEPPHTCWSSLCGYQLVTQ VHVLAAGLKDSPGANSYV IHKCEGDKVRSQVQGTSTP EYNVKGIFYRKLSQPITVQ VVWNRVLKDEFLGQVHLKA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 361-640 of human CAPN5 (NP_004046.2).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of NIH-3T3 cells using CAPN5 antibody (STJ29564) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using CAPN5 antibody (STJ29564) at 1:1000 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 Enhanced Kit. Exposure time: 30s.