Anti-CAPN2 antibody (520-700) (STJ11105674)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

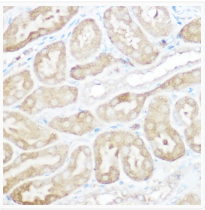
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 80kDa Observed Mw: 80kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

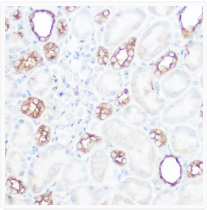
Gene ID	824
Gene Symbol	CAPN2
UniProt ID	CAN2_HUMAN
Immunogen Region	520-700
Immunogen Sequence	LEEFDISEDDIDDGFRRLFA QLAGEDAEISAFELQTILRR VLAKRQDIKSDGFSIETCKI MVDMLDSDGSGKLGLKEFYI LWTKIQKYQKIYREIDVDRS GTMNSYEMRKALEEAGFKMP CQLHQVIVARFADDQLIIDF DNFVRCLVRLETLFKIFKQL DPENTGTIELDLISWLCFSV L
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 520-700 of human Calpain 2 (NP_001739.2).

ADDITIONAL INFORMATION

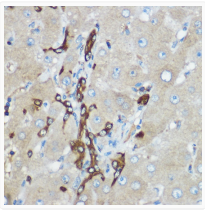
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



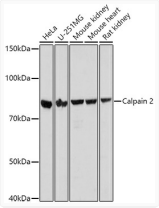
Immunohistochemistry analysis of paraffin-embedded rat kidney using Calpain 2 Rabbit polyclonal antibody (STJ11105674) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



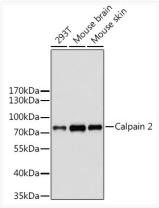
Immunohistochemistry analysis of paraffin-embedded mouse kidney using Calpain 2 Rabbit polyclonal antibody (STJ11105674) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human liver using Calpain 2 Rabbit polyclonal antibody (STJ11105674) 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.



Western blot analysis of extracts of various cell lines, using Calpain 2 antibody (STJ11105674) at 1:1000 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: 3s.



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