

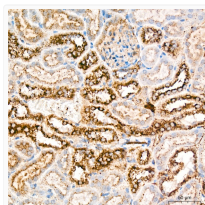
Anti-CTSD antibody (313-412) [S2MR] (STJ11101762)

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

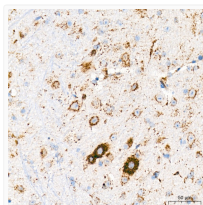
PRODUCT PROPERTIES		
Clonality	Monoclonal	
Concentration	Lot specific	
Conjugation	Unconjugated	
Purification	Affinity purification	
Dilution Range	WB:1:1000-1:6000 IHC-P:1:500-1:5000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.	
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.	
Isotype	IgG	
Molecular Weight	Protein Mw: 45kDa Observed Mw: 28kDa/44kDa	
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	1509	
Gene Symbol	CTSD	
UniProt ID	CATD_HUMAN	
Immunogen Region	313-412	
Immunogen Sequence	KAIGAVPLIQGEYMIPCEKV STLPAILTKLGGKGKYSPE DYTLKVSQAGKTLCLSGFMG MDIPPPSGPLWILGDVFIGR YYTVFDRDNNRVGFEEAARL	
Specificity	A synthetic peptide corresponding to a sequence within amino acids 313-412 of human Cathepsin D (P07339).	

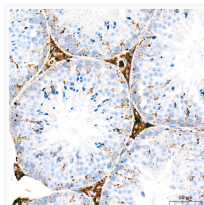
ADDITIONAL INFORMATION		
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.	



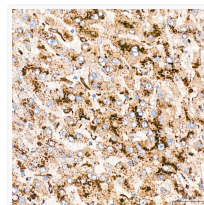
Immunohistochemistry analysis of Cathepsin D in paraffin-embedded mouse kidney tissue using Cathepsin D Rabbit monoclonal antibody (STJ11101762) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



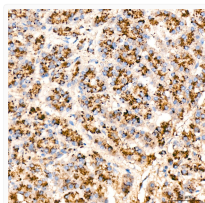
Immunohistochemistry analysis of Cathepsin D in paraffin-embedded mouse brain tissue using Cathepsin D Rabbit monoclonal antibody (STJ11101762) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



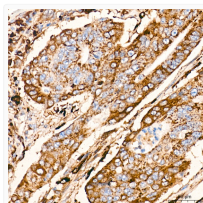
Immunohistochemistry analysis of Cathepsin D in paraffin-embedded mouse testis tissue using Cathepsin D Rabbit monoclonal antibody (STJ11101762) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



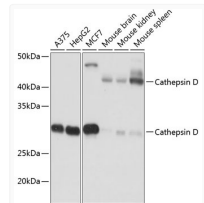
Immunohistochemistry analysis of Cathepsin D in paraffin-embedded human liver tissue using Cathepsin D Rabbit monoclonal antibody (STJ11101762) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Cathepsin D in paraffin-embedded human pancreas tissue using Cathepsin D Rabbit monoclonal antibody (STJ11101762) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Cathepsin D in paraffin-embedded human colon carcinoma tissue using Cathepsin D Rabbit monoclonal antibody (STJ11101762) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of various lysates using Cathepsin D Rabbit monoclonal antibody (STJ11101762) 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: 10s.