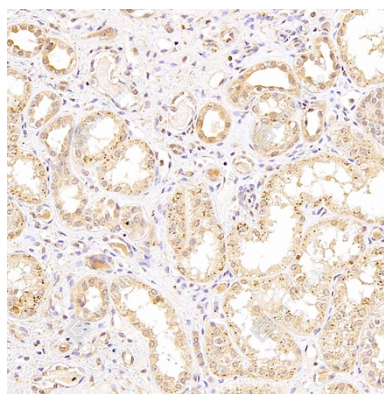


Anti-Cathepsin V Rabbit pAb

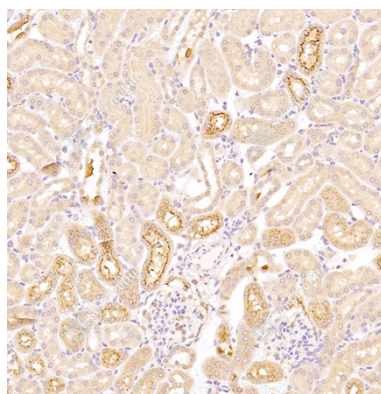


GB112712 -20°C

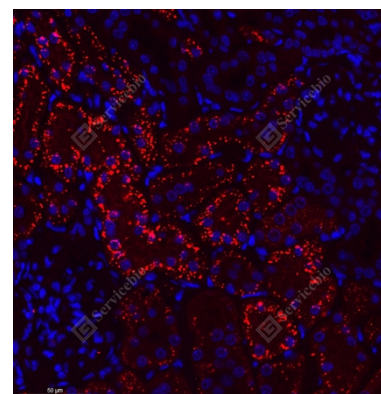
Product Information			
Protein full name	Cathepsin L2		
Synonyms	cathepsin L2, Cathepsin U, Cathepsin V, CATL2, CTSL2, CTSU, CTSV		
Immunogen	Recombinant protein corresponding to Human Cathepsin V		
Uniprot ID	O60911		
Isotype	IgG		
Purity	Affinity purification		
Subcellular location	Lysosome		
Applications	Species	Dilution	Positive Tissue
IHC/IF	Human, Mouse, Rat	1: 300-1: 2000	kidney
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.		
background			
Cathepsin V is a lysosomal cysteine protease which has an important role in corneal physiology.Cathepsin V was found to be differentially expressed in relation to pigmentary skin backgrounds, relative to darkly pigmented skins. It is expressed in primary keratinocytes, melanocytes, and HaCaT keratinocytes, but not in primary fibroblasts. The purified cathepsin L2 was a high molecular weight proteinase of about 78 kDa, but it was unstable to SDS and reducing conditions, which dissociated parts of the proteinase into 66 kDa, 31 kDa and 26 kDa fragments and it can form a complex of 70 kDa with an unidentified subunit.			
Images			



IHC analysis of Cathepsin V(GB112712).
Sample: Human kidney, 4% PFA (G1101) 12-24h.
Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min.
Primary antibody: 1: 300, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.



IHC analysis of Cathepsin V(GB112712).
Sample: Mouse kidney, 4% PFA (G1101) 12-24h.
Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min.
Primary antibody: 1: 700, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.



IF analysis of Cathepsin V(GB112712)red.
Sample: Rat kidney, 4% PFA (G1101) 12-24h.
Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 98°C, 20min.
Blocking buffer: 3% BSA (GC305010) in PBS, RT, 30min.
Primary antibody: 1: 600, 4°C overnight.
Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG (H+L) (GB21303), 1: 300, RT, 1h.

For Research Use Only!

Ver. No.: V2.0-20260420