



Cathepsin H Monoclonal Antibody

Catalog No	YP-mAb-02282
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CTSH
Immunogen	Synthesized peptide derived from Cathepsin H . at AA range: 220-300
Specificity	Cathepsin H Monoclonal Antibody detects endogenous levels of Cathepsin H protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CTSH;CPSB;ENZYME;Rhea;UniProtKB;Cathepsin H;Pro-cathepsin H
Observed Band	28, 41 kDa
Calculated Molecular Weight	41 kDa, 28 kDa
Cell Pathway	Lysosome.
Tissue Specificity	Cartilage, Eye, Kidney, Liver, Lung, Salivary gland,
Function	catalytic activity:Hydrolysis of proteins, acting as an aminopeptidase (notably, cleaving Arg- -Xaa bonds) as well as an endopeptidase.,function:Important for the overall degradation of proteins in lysosomes.,similarity:Belongs to the peptidase C1 family.,subunit:Composed of a mini chain and a large chain. The large chain may be split into heavy and light chain. All chains are held together by disulfide bonds.,
Background	The protein encoded by this gene is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The encoded protein, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased



expression of this gene has been correlated with malignant progression of prostate tumors. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images