



Goat anti-Human Cathepsin B Polyclonal antibody, Biotin-Conjugated (DPABY-630)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View Cathepsin B IHC images.
Specificity	Detects human Cathepsin B in ELISAs and Western blots. In sandwich immunoassays, less than 0.2% cross-reactivity with recombinant human (rh)Cathepsin A, C, D, E, L, S, V, X/Z/P, rhCystatin C, D, SA, recombinant mouse (rm)Cystatin C, D, SA, and rmCathepsin B is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Cathepsin B. Arg18-Ile339 Accession Number P07858
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 °C as supplied.
1 month, 2 to 8 °C under sterile conditions after reconstitution.
6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	CTSB cathepsin B [Homo sapiens (human)]
Official Symbol	CTSB
Synonyms	CTSB; cathepsin B; APPS; CPSB; cathepsin B1; APP secretase; cysteine protease; amyloid precursor protein secretase;
Entrez Gene ID	1508
Protein Refseq	NP_001899
UniProt ID	A0A024R374
Chromosome Location	8p22
Pathway	Adaptive Immune System; Antigen processing and presentation; Assembly of collagen fibrils and other multimeric structures; Collagen degradation; Collagen formation; Degradation of the extracellular matrix; Extracellular matrix organization; Immune System;
Function	collagen binding; cysteine-type endopeptidase activity; cysteine-type peptidase activity; peptidase activity; protein binding; proteoglycan binding;