



Anti-CTSB polyclonal antibody (CPBT-65447SH)

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

PRODUCT INFORMATION

| | |
|---------------------------|--|
| Product Overview | This product recognises human Cathepsin B, a lysosomal serine protease of 29kD. |
| Specificity | CTSB |
| Immunogen | Human cathepsin B purified from liver |
| Isotype | IgG |
| Source/Host | Sheep |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | ID; WB |
| Format | Purified IgG - liquid |
| Size | 1 ml |
| Preservative | 0.09% Sodium Azide |
| Storage | in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |

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 | P07858 |
| 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; |