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CTSD

Reactivity: Human

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:50

Calculated MW:45kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human CTSD

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CPSD; CLN10;

Catalog #:A0041

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:1509

Isotype: IgG

Swiss Prot:P07339

Purity: Affinity purification

For research use only.

Background:

This gene encodes a lysosomal aspartyl protease composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. This proteinase, which is a member of the peptidase C1 family, has a specificity similar to but narrower than that of pepsin A. Transcription of this gene is initiated from several sites, including one which is a start site for an estrogen-regulated transcript. Mutations in this gene are involved in the pathogenesis of several diseases, including breast cancer and possibly Alzheimer disease.

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