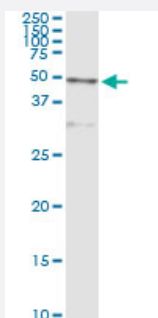


CTSD (Human) IP-WB Antibody Pair

Catalog # H00001509-PW2

Size 1 Set

Applications



Immunoprecipitation of CTSD transfected lysate using mouse monoclonal anti-CTSD and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-CTSD.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of CTSD transfected lysate using mouse monoclonal anti-CTSD and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-CTSD.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-CTSD (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-CTSD (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — CTSD

Entrez GeneID [1509](#)

Gene Name CTSD

Gene Alias CLN10, CPSD, MGC2311

Gene Description cathepsin D

Omim ID [116840 610127](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations lysosomal aspartyl peptidase|lysosomal aspartyl protease

Pathway

- [Lysosome](#)

Disease

- [Alzheimer disease](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Creutzfeldt-Jakob Syndrome](#)
- [Dementia](#)
- [Depressive Disorder](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Memory](#)
- [Mental Processes](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Parkinson disease](#)
- [Periodontitis](#)