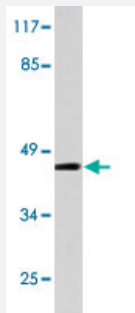


CTSD polyclonal antibody

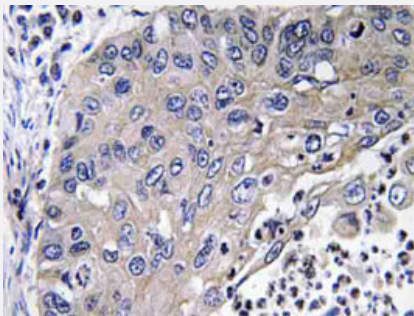
Catalog # PAB25183 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with CTSD polyclonal antibody (Cat # PAB25183).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using CTSD polyclonal antibody (Cat # PAB25183).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CTSD.
Immunogen	A synthetic peptide corresponding to CTSD.
Host	Rabbit
Theoretical MW (kDa)	~45
Reactivity	Human
Specificity	CTSD polyclonal antibody detects endogenous levels of CTSD protein.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with CTSD polyclonal antibody (Cat # PAB25183).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using CTSD polyclonal antibody (Cat # PAB25183).

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](#)