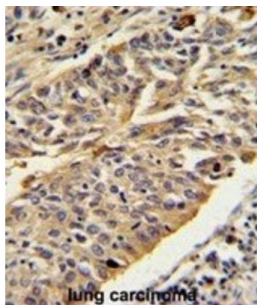


Cathepsin E (CTSE) Antibody

Catalogue No.: abx032873



CTSE is a gastric aspartyl protease that functions as a disulfide-linked homodimer. This protease, which is a member of the peptidase C1 family, has a specificity similar to that of pepsin A and cathepsin D. It is an intracellular proteinase that does not appear to be involved in the digestion of dietary protein and is found in highest concentration in the surface of epithelial mucus-producing cells of the stomach. It is the first aspartic proteinase expressed in the fetal stomach and is found in more than half of gastric cancers. It appears, therefore, to be an oncofetal antigen.

Target:	Cathepsin E (CTSE)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC, FCM
Host:	Rabbit

Datasheet

Version: 2.0.0
Revision date: 28 May 2025



Recommended dilutions: WB: 1/2000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 157-187 amino acids from the Central region of human CTSE.

Isotype: IgG

Form: Liquid

Purification: Purified Rabbit Polyclonal Antibody.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P14091 ([UniProt](#), [ExPASy](#))

KEGG: hsa:1510

String: [9606.ENSP00000350911](#)

Molecular Weight: Calculated MW: 42.8 kDa

Buffer: PBS containing 0.09% sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.