

Datasheet for ABIN2788342
anti-Cathepsin E antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	Cathepsin E (CTSE)
Binding Specificity:	N-Term
Reactivity:	Human, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin E antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	SLKKKLRARS QLSEFWKSHN LDMIQFTESC SMDQSAKEPL INYLDMEYFG
Predicted Reactivity:	Horse: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against CTSE. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Cathepsin E (CTSE)
Alternative Name:	CTSE (CTSE Products)
Background:	The protein encoded by this gene 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

Target Details

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. Transcript variants utilizing alternative polyadenylation signals and two transcript variants encoding different isoforms exist for this gene.

Alias Symbols: CATE

Protein Interaction Partner: EMG1, INS, BAG6, EDN3, CTSE, A2M,

Protein Size: 363

Molecular Weight: 40 kDa

Gene ID: 1510

NCBI Accession: [NM_148964](#), [NP_683865](#)

UniProt: [P14091](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 363 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

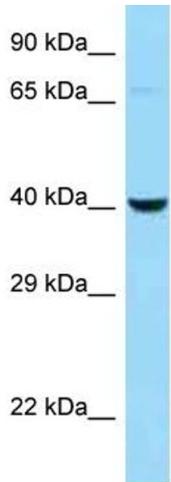
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-CTSE Antibody
Catalog Number: ARP60124
Lot Number: QC33522
Lane: NCI-H226 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.