

CAPN13 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16450B

Specification

CAPN13 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q6MZZ7
Other Accession	Q3UW68 , NP_653176.2
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	76696
Antigen Region	537-565

CAPN13 Antibody (C-term) - Additional Information

Gene ID 92291

Other Names

Calpain-13, 3422-, Calcium-activated neutral proteinase 13, CANP 13, CAPN13

Target/Specificity

This CAPN13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 537-565 amino acids from the C-terminal region of human CAPN13.

Dilution

WB~~1:1000

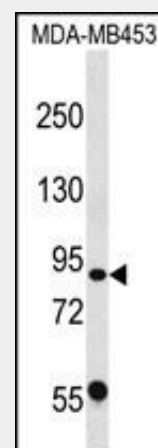
Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions



CAPN13 Antibody (C-term) (Cat. #AP16450b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the CAPN13 antibody detected the CAPN13 protein (arrow).

CAPN13 Antibody (C-term) - Background

Calpains are a family of cytosolic calcium-activated cysteine proteases involved in a variety of cellular processes including apoptosis, cell division, modulation of integrin-cytoskeletal interactions, and synaptic plasticity (Dear et al., 2000 [PubMed 10964513]). CAPN13 belongs to the calpain large subunit family.

CAPN13 Antibody (C-term) - References

Taylor, J.Y., et al. Biol Res Nurs 12(2):149-155(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Hillier, L.W., et al. Nature 434(7034):724-731(2005)
Dear, T.N., et al. Gene 274 (1-2), 245-252 (2001) :
Dear, T.N., et al. Genomics 68(2):152-160(2000)

CAPN13 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CAPN13 Antibody (C-term) - Protein Information

Name CAPN13

Function

Probable non-lysosomal thiol-protease.

Tissue Location

Weakly expressed in lung and testis.

Weakly or not expressed in other tissues.

CAPN13 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)