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anti-CAPN13 antibody (C-Term)



Image



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Quantity:	0.4 mL
Target:	CAPN13
Binding Specificity:	AA 536-565, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPN13 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 536-565 amino acids from the C-terminal region of human CAPN13
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CAPN13.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity Chromatography on Protein A
Target Details	
Target:	CAPN13
Alternative Name:	Calpain-13 (CAPN13 Products)

Target Details

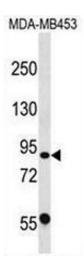
Background:	Calpains are a family of cytosolic calcium-activated cysteine proteases involved in a variety of
	cellular processes including apoptosis, cell division, modulation of integrin-cytoskeletal
	interactions, and synaptic plasticity (Dear et al., 2000 [PubMed 10964513]). CAPN13 belongs to
	the calpain large subunit family.Synonyms: CAPN13
Molecular Weight:	76696 Da
Gene ID:	92291
NCBI Accession:	NP_653176

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azid
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. CAPN13 Antibody (C-term) western blot analysis in MDA-MB453 cell line lysates (35μg/lane). This demonstrates the CAPN13 antibody detected the CAPN13 protein (arrow).