

Product datasheet for **TA343086**

Calpain 1 (CAPN1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CAPN1 antibody: synthetic peptide directed towards the N terminal of human CAPN1. Synthetic peptide located within the following region: EFWSALLEKAYAKVNGSYEALSGGSTSEGFEDFTGGVTEWYELRKAPSDL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	82 kDa
Gene Name:	calpain 1
Database Link:	NP_005177 Entrez Gene 823 Human P07384
Background:	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 1. Several transcript variants encoding two different isoforms have been found for this gene.
Synonyms:	CANP; CANP1; CANPL1; muCANP; muCL



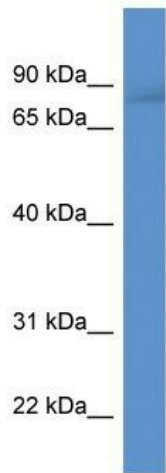
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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Horse: 100%; Human: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Mouse: 86%

Protein Families: Druggable Genome, Protease

Protein Pathways: Alzheimer's disease, Apoptosis

Product images:



WB Suggested Anti-CAPN1 Antibody; Titration: 1.0 ug/ml; Positive Control: Fetal Brain

CAPN1



Rabbit Anti-CAPN1
Sample Type: Human Fetal Liver
Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: CAPN1; Sample Tissue: Human Fetal Liver; Antibody Dilution: 1.0 ug/ml