

## Product datasheet for **TA324115**

### Calpain 1 (CAPN1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal kidney tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 543-713 amino acids of Human Calpain-1 catalytic subunit
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
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:	<a href="#">NP_001185797</a> <a href="#">Entrez Gene 12333 Mouse</a> <a href="#">Entrez Gene 29153 Rat</a> <a href="#">Entrez Gene 823 Human</a> <a href="#">P07384</a>
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; SPG76



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Protein Families: Druggable Genome, Protease

Protein Pathways: Alzheimer's disease, Apoptosis

### Product images:



Gel: 10%SDS-PAGE

Lysate: 30  $\mu$ g

Lane: Human fetal kidney tissue

Primary antibody: TA324115 (CAPN1 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute