

Product datasheet for **TA323973**

Calpain 2 (CAPN2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse brain and skin tissue, 293T cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 530-700 amino acids of Human Calpain-2 catalytic subunit
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 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:	80 kDa
Gene Name:	calpain 2
Database Link:	NP_001139540 Entrez Gene 12334 Mouse Entrez Gene 29154 Rat Entrez Gene 824 Human P17655
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 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene.



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Synonyms: CANP2; CANPL2; CANPml; mCANP

Protein Families: Druggable Genome, Protease

Protein Pathways: Alzheimer's disease, Apoptosis, Focal adhesion

Product images:



Gel: 10%SDS-PAGE

Lysate: 30 μ g

Lane 1-3: Mouse brain tissue

Mouse skin tissue

293T cells

Primary antibody: TA323973 (CAPN2 Antibody) at dilution 1/200

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

Exposure time: 40 seconds