

Product datasheet for **TA357770**

Calpain 3 (CAPN3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat, Sheep Homology: Cow: 79%; Dog: 92%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Rabbit: 86%; Rat: 85%; Sheep: 86%
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>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	93kDa
Gene Name:	calpain 3
Database Link:	NP_077320 Entrez Gene 825 Human P20807-3
Background:	Calpain, a heterodimer consisting of a large and a small subunit, is a major intracellular protease, although its function has not been well established. This gene encodes a muscle-specific member of the calpain large subunit family that specifically binds to titin. Mutations in this gene are associated with limb-girdle muscular dystrophies type 2A. Alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms and some variants are ubiquitously expressed.

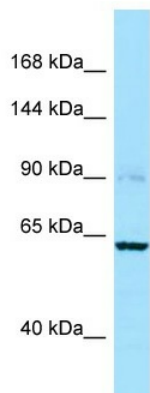


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Synonyms: CANP3; CANPL3; LGMD2; LGMD2A; MGC4403; MGC10767; MGC11121; MGC14344; nCL-1; NCL1; OTTHUMP00000161194; OTTHUMP00000161196; p94

Protein Families: Druggable Genome, Protease

Product images:



WB Suggested Anti-CAPN3 Antibody
Titration: 1.0 ug/ml
Positive Control: OVCAR-3 Whole Cell