

Product datasheet for **TA357771**

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, Horse, Human, Mouse, Rat, Sheep Homology: Cow: 75%; Dog: 79%; Horse: 86%; Human: 100%; Mouse: 79%; Rat: 79%; Sheep: 75% |
| 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: | 35kDa |
| Gene Name: | calpain 3 |
| Database Link: | NP_775111 Entrez Gene 825 Human P20807-4 |
| 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. |

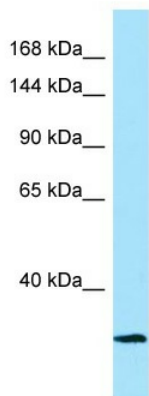


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Synonyms: CANP3; CANPL3; LGMD2; LGMD2A; MGC4403; MGC10767; MGC11121; MGC14344; nCL-1; NCL1; OTTHUMP00000161194; OTTHUMP00000161196; p94

Protein Families: Druggable Genome, Protease

Product images:



WB Suggested Anti-CAPN3 Antibody
Titration: 1.0 ug/ml
Positive Control: HT1080 Whole Cell