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Product datasheet for TA340149

Calpain 11 (CAPN11) 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-CAPN11 antibody: synthetic peptide directed towards the N terminal of human CAPN11. Synthetic peptide located within the following region: NNSRLKAKGVGQHDNAQNFGNQSFEELRAACLRKGELFEDPLFPAEPSSL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Affinity Purified
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 11
Database Link:	NP_008989 Entrez Gene 11131 Human Q9UMQ6
Background:	Calpains constitute a family of intracellular calcium-dependent cysteine proteases. There are eight members in this superfamily. They consist of a variable 80 kDa subunit and an invariant 30 kDa subunit. This calpain protein appears to have protease activity and calcium-binding ability. A similar mouse protein may play a functional role in spermatogenesis and in the regulation of calcium-dependent signal transduction events during meiosis.

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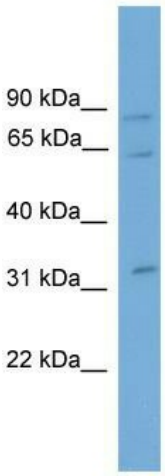
Synonyms: calpain11

Note: Immunogen Sequence Homology: Dog: 100%; Human: 100%; Pig: 93%; Rabbit: 93%; Guinea pig: 93%; Zebrafish: 92%; Rat: 91%; Horse: 86%; Goat: 85%; Sheep: 85%; Bovine: 85%; Mouse: 77%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-CAPN11 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Human Muscle