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Datasheet for ABIN2784858  
**anti-CAPN11 antibody (N-Term)**

2 Images

Overview

Quantity:	100 µL
Target:	CAPN11
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Rabbit, Sheep, Zebrafish (Danio rerio), Goat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPN11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CAPN11
Sequence:	NNSRLKAKGV GQHDNAQNFG NQSFEELRAA CLRKGELFED PLFPAEPSSL
Predicted Reactivity:	Cow: 85%, Dog: 100%, Goat: 85%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 77%, Rabbit: 93%, Rat: 91%, Sheep: 85%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against CAPN11. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CAPN11
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## Target Details

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Alternative Name: CAPN11 ([CAPN11 Products](#))

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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.

Alias Symbols: calpain11

Protein Interaction Partner: ANAPC11, UNG, PRKAR1A, XRCC6,

Protein Size: 702

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Molecular Weight: 80 kDa

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Gene ID: 11131

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NCBI Accession: [NM\\_007058](#), [NP\\_008989](#)

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UniProt: [Q9UMQ6](#)

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## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 702 AA

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

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aliquots to prevent freeze-thaw cycles.

Images



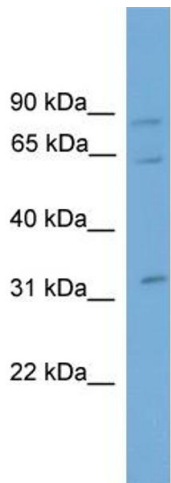
Western Blotting

**Image 1. WB Suggested Anti-CAPN11 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:1562500

**Positive Control:** Human Muscle



Rabbit Anti-CAPN11 Antibody  
Catalog Number: ARP52279  
Lot Number: QC29919  
Lane: Fetal Muscle Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

Western Blotting

**Image 2. WB Suggested Anti-CAPN11**

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: Human Muscle