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## Datasheet for ABIN4907388

# anti-Calpain 6 antibody





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Quantity:	100 μL
Target:	Calpain 6 (CAPN6)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calpain 6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

### **Product Details**

Immunogen:	This CAPN6 antibody is generated from a mouse immunized with a recombinant protein of human CAPN6.
Clone:	5C5
Isotype:	lgG1
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein G.

## Target Details

Target:	Calpain 6 (CAPN6)
Alternative Name:	CAPN6 (CAPN6 Products)
Background:	Synonyms: CANPX, CAPNX, CalpM, DJ914P14.1, Calpain-6, Calpain-like protease X-linked,

## **Target Details**

Calpamodulin, CA	APN6
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Background: Microtubule-stabilizing protein that may be involved in the regulation of microtubule dynamics and cytoskeletal organization. May act as a regulator of RAC1 activity through interaction with ARHGEF2 to control lamellipodial formation and cell mobility. Does not seem to have protease activity as it has lost the active site residues (By similarity).

Gene ID: 827

UniProt: Q9Y6Q1

# **Application Details**

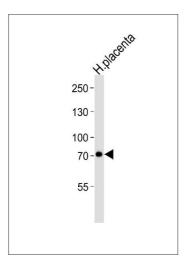
Application Notes: WB 1:300-5000

FCM 1:20-100

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Concentration:	0.5 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



#### **Western Blotting**

**Image 1.** Lane 1: Human Placenta lysates, probed with CAPN6 (1395CT446.22.5) Monoclonal Antibody, unconjugated (bsm-51290M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.