

Datasheet for ABIN7538811  
**anti-Calpain antibody (AA 355-370)**



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## Overview

Quantity:	2.5 mL
Target:	Calpain
Binding Specificity:	AA 355-370
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

## Product Details

Purpose:	Lyophilized Mouse Monoclonal Antibody Calpain
Immunogen:	Synthetic peptide containing amino acids 355-370 of the human calpain 3 sequence.
Clone:	Calp3c-12A2
Isotype:	IgG2a
Specificity:	This antibody reacts with full-size calpain 3 (94 kD) plus an additional breakdown product at 60 kD in human skeletal muscle. The 94 kD band can be seen in muscle extracts from rabbit, mouse, dog, chicken, hamster, pig and rat. Degraded calpain 3 bands starting at approximately 60 kD are also usually present. Additional bands corresponding in size to calpains 1 and/or 2 can be detected in skeletal muscle from mouse, rat, chicken and hamster.
Purification:	Tissue culture supernatant

## Target Details

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Target: Calpain

Abstract: [Calpain Products](#)

## Application Details

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Application Notes: Western Blotting: Typical working dilution 1:100. The optimal dilution should be determined by the user as calpain must be homogenized in treatment buffer

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstitute with the volume of sterile distilled water indicated on the vial label.

Buffer: Lyophilized tissue culture supernatant containing 15 mM sodium azide.

Preservative: Sodium azide

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

Storage: 4 °C

Storage Comment: Store at 2-8 °C. Do not freeze. Return to 2-8 °C immediately after use. Do not use after expiration date indicated on the vial label. Storage conditions other than those specified above must be verified by the user.

Expiry Date: 12 months