

Datasheet for ABIN7538812 **anti-Calpain antibody (AA 1-19)**



[Go to Product page](#)

Overview

Quantity:	2.5 mL
Target:	Calpain
Binding Specificity:	AA 1-19
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calpain antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Lyophilized Mouse Monoclonal Antibody Calpain
Immunogen:	Synthetic peptide containing amino acids 1-19 of the human calpain 3 sequence.
Clone:	Calp3d-2C4
Isotype:	IgG2b
Specificity:	This antibody reacts with full-size calpain 3 (94 kD) plus an additional fragment at 30 kD in human skeletal muscle. A band of 94 kD is seen with rabbit and dog muscle while extracts of hamster muscle show reactivity with the 94 kD band and a larger species of approximately 110 kD. This 110 kD band is the principal immunoreactive species seen in rat muscle extracts. This antibody produces no bands with mouse, pig or chicken muscle.
Purification:	Tissue culture supernatant

Target Details

Target: Calpain

Abstract: [Calpain Products](#)

Application Details

Application Notes: Western Blotting: Typical working dilution 1:25-1:50. The optimal dilution should be determined by the user as calpain must be homogenized in treatment buffer

Restrictions: For Research Use only

Handling

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