

CAPN3 Polyclonal Antibody

Catalog No. E-AB-64116

Note: Centrifuge before opening to ensure complete recovery of vial contents.

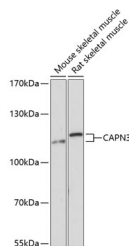
Description

Reactivity	Mouse,Rat
Immunogen	Recombinant fusion protein of human CAPN3 (NP_775111.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western blot analysis of extracts of various cell lines using CAPN3 Polyclonal Antibody at dilution of 1:3000.

Observed Mw:114kDa

Calculated Mw:18kDa/35kDa/84kDa/93kDa/94kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Calpain, a heterodimer consisting of a large and a small subunit, is a major intracellular protease, although its function has not been well established. This gene encodes a muscle-specific member of the calpain large subunit family that specifically binds to titin. Mutations in this gene are associated with limb-girdle muscular dystrophies type 2A. Alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms and some variants are ubiquitously expressed.

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