

Anti-Calpain 3 Antibody
Catalog # AP53804**Specification****Anti-Calpain 3 Antibody - Product Information**

Application	WB
Primary Accession	P20807
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94254

Anti-Calpain 3 Antibody - Additional Information**Gene ID** 825**Other Names**

CANP3; CANPL3; NCL1; Calpain-3; Calcium-activated neutral proteinase 3; CANP 3; Calpain L3; Calpain p94; Muscle-specific calcium-activated neutral protease 3; New calpain 1; nCL-1

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Calpain 3. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Calpain 3 Antibody - Protein Information**Name** CAPN3 ([HGNC:1480](#))**Synonyms** CANP3, CANPL3, NCL1**Function**

Calcium-regulated non-lysosomal thiol-protease. Proteolytically cleaves CTBP1 at 'His-409'. Mediates, with UTP25, the proteasome-independent degradation of p53/TP53 (PubMed:23357851, PubMed:27657329).

Cellular Location

Cytoplasm. Nucleus, nucleolus

Tissue Location

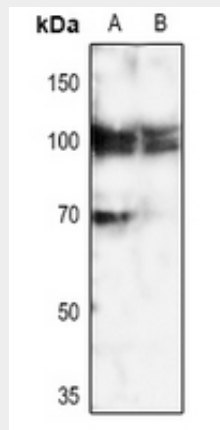
Isoform I is skeletal muscle specific.

Anti-Calpain 3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Calpain 3 Antibody - Images



Western blot analysis of Calpain 3 expression in mouse muscle (A), rat muscle (B) whole cell lysates.

Anti-Calpain 3 Antibody - Background

Rabbit polyclonal antibody to Calpain 3