

CAPN3

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 94kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CAPN3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

p94; CANP3; LGMD2; nCL-1; CANPL3; LGMD2A;

Catalog #: A1893

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 825

Isotype: IgG

Swiss Prot: P20807

Purity: Affinity purification

For research use only.

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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