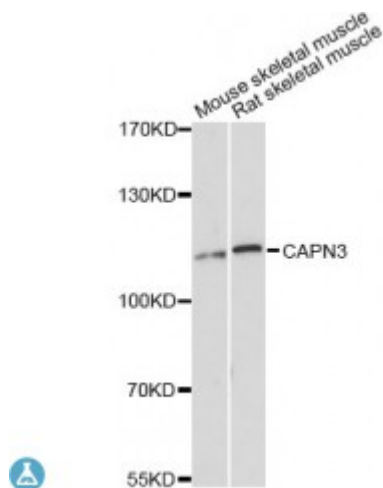


Anti-CAPN3 Antibody



Description

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.

Model	STJ113898
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human CAPN3 (NP_775111.1).
Gene ID	825
Gene Symbol	CAPN3
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Isoform I is skeletal muscle specific
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Calpain-3
Molecular Weight	94.254 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:1480OMIM:114240Reactome:R-HSA-1474228
Alternative Names	Calpain-3
Function	Calcium-regulated non-lysosomal thiol-protease
Cellular Localization	Cytoplasm

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com