

CAPN3 Polyclonal Antibody

Catalog No: #42100

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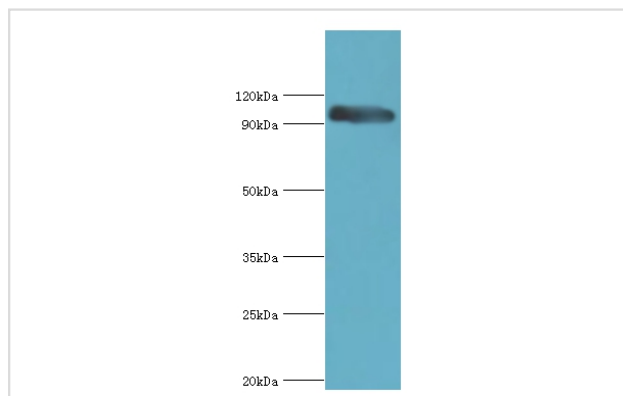
Description

Product Name	CAPN3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total CAPN3 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Calpain-3 protein (582-821aa)
Target Name	CAPN3
Other Names	Calcium-activated neutral proteinase 3, CANP 3, Calpain L3, Calpain p94, Muscle-specific calcium-activated neutral protease 3, New calpain 1, nCL-1, CAPN3, CANP3, CANPL3, NCL1
Accession No.	Swiss-Prot#: P20807
Uniprot	P20807
GeneID	825;
Calculated MW	94kd
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:2000

Images



All lanes: Calpain-3 antibody at 5ug/ml+mouse brain tissue
secondary
Goat polyclonal to rabbit at 1/10000 dilution
predicted band size :94kDa
observed band size :94kDa

Background

Calcium-regulated non-lysosomal thiol-protease.

References

[1]Clinical, pathological, and genetic features of limb-girdle muscular dystrophy type 2A with new calpain 3 gene mutations in seven patients from three Japanese families."Kawai H., Akaike M., Kunishige M., Inui T., Adachi K., Kimura C., Kawajiri M., Nishida Y., Endo I., Kashiwagi S., Nishino H., Fujiwara T., Okuno S., Roudaut C., Richard I., Beckmann J.S., Miyoshi K., Matsumoto T. Muscle Nerve 21:1493-1501(1998). [2]Pseudometabolic expression and phenotypic variability of calpain deficiency in two siblings."Penisson-Besnier I., Richard I., Dubas F., Beckmann J.S., Fardeau M.Muscle Nerve 21:1078-1080(1998). [3]A small in-frame deletion within the protease domain of muscle-specific calpain, p94 causes early-onset limb-girdle muscular dystrophy 2A."Haeffner K., Speer A., Huebner C., Voit T., Oexle K.Hum. Mutat. Suppl. 1:S298-S300(1998).

Note: This product is for in vitro research use only