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Quantity:	200 μL
Target:	Calpain 3 (CAPN3)
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human CAPN3 (NP_775111.1).	
Isotype:	sotype: IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	Calpain 3 (CAPN3)
Alternative Name:	CAPN3 (CAPN3 Products)
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

Target Details

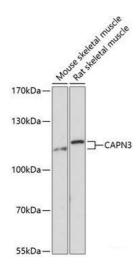
Storage:

Storage Comment:

-20 °C

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

l arget Details			
	and alternative splicing result in multiple transcript variants encoding different isoforms and		
	some variants are ubiquitously expressed.		
Molecular Weight:	Observed_MW: 114 kDa		
	Calculated_MW: 18 kDa/35 kDa/84 kDa/93 kDa/94 kDa		
Gene ID:	825		
UniProt:	P20807		
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development		
Application Details			
Application Notes:	WB 1:500-1:2000		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 mg/mL		
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		



Western Blotting

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