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anti-Calpain 6 antibody (AA 195-494)



Images



Overview

Quantity:	100 μg
Target:	Calpain 6 (CAPN6)
Binding Specificity:	AA 195-494
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain 6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Calpain-6 protein (195-494AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Calpain 6 (CAPN6)
Alternative Name:	CAPN6 (CAPN6 Products)
Background:	Background: Microtubule-stabilizing protein that may be involved in the regulation of
	microtubule dynamics and cytoskeletal organization. May act as a regulator of RAC1 activity

Target Details

through interaction with ARHGEF2 to control lamellipodial formation and cell mobility. Does not seem to have protease activity as it has lost the active site residues.

Aliases: CALP M antibody, Calpain-6 antibody, Calpain-like protease X-linked antibody, Calpamodulin antibody, CalpM antibody, CAN6_HUMAN antibody, CANP X antibody, CANPX

antibody, CAPN 6 antibody, Capn6 antibody

UniProt: Q9Y6Q1

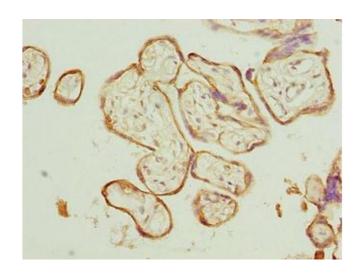
Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only

Handling

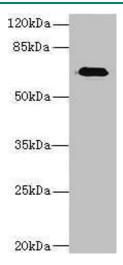
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



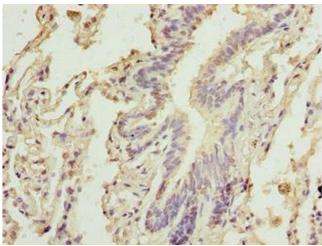
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7146547 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: CAPN6 antibody at $5\,\mu$ g/mL + Human placenta tissue Secondary Goat polyclonal to rabbit lgG at 1/10000 dilution Predicted band size: 75 kDa Observed band size: 75 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7146547 at dilution of 1:100