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Datasheet for ABIN7449186

anti-Calpain 7 antibody (AA 50-100)

Overview

Quantity:	100 µg
Target:	Calpain 7 (CAPN7)
Binding Specificity:	AA 50-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain 7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-Calpain 7/CAPN7 Antibody, Affinity Purified
Immunogen:	between AA 50 and 100
Isotype:	IgG
Predicted Reactivity:	Pig
Purification:	Affinity Purified

Target Details

Target:	Calpain 7 (CAPN7)
Alternative Name:	Calpain 7/CAPN7 (CAPN7 Products)
Background:	Background: CAPN7 is part of a ubiquitous, well-conserved family of calcium-dependent,

Target Details

cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The function of the protein encoded by this gene is not known. An orthologue has been found in mouse but it seems to diverge from other family members. [taken from NCBI Entrez Gene (Gene ID: 23473)].

Gene ID: 23473

UniProt: [Q9Y6W3](#)

Application Details

Application Notes: 1:10,000 - 1:25,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months