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Datasheet for ABIN886182

**anti-CAPN12 antibody (AA 201-310) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	CAPN12
Binding Specificity:	AA 201-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPN12 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Calpain 12
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig
Purification:	Purified by Protein A.

## Target Details

Target:	CAPN12
Alternative Name:	Calpain 12 ( <a href="#">CAPN12 Products</a> )
Background:	Synonyms: Calpain12, Calpain-12, CAPN 12, CAPN12, EC 3.4.22., MGC20576, CAN12_HUMAN.

## Target Details

Background: Calpains are a family of cytosolic calcium activated cysteine proteases involved in a variety of cellular processes including apoptosis, cell division, modulation of integrin and cytoskeletal interactions, and synaptic plasticity. Calpain 12 was first described in the mouse, most strongly in the skin, and maps to mouse chromosome 7. Isoforms differ in the carboxyterminal ends, ending with aberrant domain III and lacking domain IV. Domains in the large subunit include the amino terminal domain I, the proteinase domain II, domain III, and the EF hand domain IV, making Calpain 12 most similar to calpains 1 and 2.

Gene ID: 147968

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months