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Datasheet for ABIN886189

# anti-CAPN12 antibody (AA 201-310) (Cy3)



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Quantity:	100 μL	
Target:	CAPN12	
Binding Specificity:	AA 201-310	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CAPN12 antibody is conjugated to Cy3	
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:	ed Reactivity: Human,Mouse,Rat,Dog,Cow,Pig	
Purification:	Purified by Protein A.	

# **Target Details**

Target:	CAPN12	
Alternative Name:	Calpain 12 (CAPN12 Products)	
Synonyms: Calpain12, Calpain-12, CAPN 12, CAPN12, EC 3.4.22., MGC20576, CAN12_HUMA		

#### **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