Datasheet for ABIN886183 anti-CAPN12 antibody (AA 201-310) (Cy5)

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UV		

Quantity:	100 µL
Target:	CAPN12
Binding Specificity:	AA 201-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPN12 antibody is conjugated to Cy5
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 (CAPN12 Products)
Background:	Synonyms: Calpain12, Calpain-12, CAPN 12, CAPN12, EC 3.4.22., MGC20576, CAN12_HUMAN.

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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	