

Calpain 14 Rabbit pAb

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Catalog # AP54607

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	A8MX76
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79568
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Calpain 14
Epitope Specificity	151-250/684
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Calpains are a family of cytosolic calcium-activated cysteine proteases involved in a variety of cellular processes including apoptosis, cell division, modulation of integrin-cytoskeletal interactions, and synaptic plasticity (Dear et al., 2000 [PubMed 10964513]). CAPN14 belongs to the calpain large subunit family.

Additional Information

Gene ID	440854
Other Names	Calpain-14, 3.4.22.-, Calcium-activated neutral proteinase 14, CANP 14, CAPN14
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CAPN14
Function	Calcium-regulated non-lysosomal thiol-protease.

Tissue Location

Not expressed in tissues tested.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.