

S100A18 Rabbit pAb

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Catalog # AP59354

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q86YZ3
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	282390
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Hornerin/S100A18
Epitope Specificity	1-100/2850
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasmic granule.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Hornerin has similar structural features to those of profilaggrin, an essential protein for keratinization of epidermal tissues. Hornerin may play a role in cornification.

Additional Information

Gene ID	388697
Other Names	Hornerin, HRNR, S100A18
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	HRNR
Synonyms	S100A18
Function	Component of the epidermal cornified cell envelopes.

Cellular Location	Cytoplasmic granule. Note=Found in keratohyalin granules in the granular cells of the epidermis
Tissue Location	Expressed in cornified epidermis, psoriatic and regenerating skin after wounding. Found in the upper granular layer and in the entire cornified layer of epidermis

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