10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SASP antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13508

Product Information

Application	WB
Primary Accession	Q53RT3
Other Accession	NM_152792, NP_690005
Reactivity	Human, Rat, Guinea Pig, Horse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36991

Additional Information

Gene ID	151516
Alias Symbol	MUNO, SASPase, Taps, SASP
Other Names	Retroviral-like aspartic protease 1, 3.4.23.-, Skin-specific retroviral-like aspartic protease, SASPase, Skin aspartic protease, TPA-inducible aspartic proteinase-like protein, TAPS, ASPRV1 {ECO:0000250|UniProtKB:Q09PK2}
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SASP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SASP antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

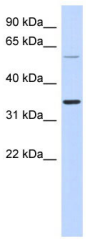
Name	ASPRV1 (HGNC:26321)
Function	Protease responsible for filaggrin processing, essential for the maintenance of a proper epidermis organization.
Cellular Location	Membrane; Single-pass membrane protein
Tissue Location	Expressed primarily in the granular layer of the epidermis and inner root sheath of hair follicles. In psoriatic skin, expressed throughout the stratum corneum. In ulcerated skin, expressed in the stratum granulosum of intact epidermis but almost absent from ulcerated regions. Expressed in

differentiated areas of squamous cell carcinomas but not in undifferentiated tumors

References

Bernard D.,et al.J. Invest. Dermatol. 125:278-287(2005).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Rhiemeier V.,et al.Am. J. Pathol. 168:1354-1364(2006).

Images



WB Suggested Anti-SASP Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human Lung

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