

SASP antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13508**Specification**

SASP antibody - middle region - Product Information

Application	WB
Primary Accession	Q53RT3
Other Accession	NM_152792 , NP_690005
Reactivity	Human, Rat, Horse, Guinea Pig
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa

SASP antibody - middle region - 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.

SASP antibody - middle region - 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

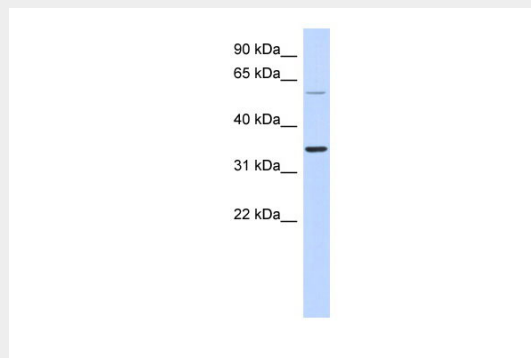
Expressed primarily in the granular layer of the epidermis and inner root sheath of hair follicles. In psoriatic skin, expressed throughout the stratum corneum. In ulcerated skin, expressed in the stratum granulosum of intact epidermis but almost absent from ulcerated regions. Expressed in differentiated areas of squamous cell carcinomas but not in undifferentiated tumors

SASP antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SASP antibody - middle region - Images



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

SASP antibody - middle region - 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).