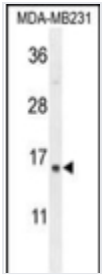
SPRR2A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SPRR2A, Polyclonal Antibody
Full Product Name	SPRR2A, CT (SPRR2A, Small proline-rich protein 2A, 2-1) (Azide free) (HRP)
Product Gene Name	anti-SPRR2A antibody
Product Synonym Names	SPRR2A; Small proline-rich protein 2A; 2-1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography.
Specificity	Recognizes human SPRR2A.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	7,965 Da
3D Structure	ModBase 3D Structure for P35326
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 48-72 in the C-terminal region of human SPRR2A, UniProt Accession #P35326.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-SPRR2A antibody	Antibodies; Proline-rich Proteins
Applications Tested/Suitable for anti-SPRR2A antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-SPRR2A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-SPRR2A antibody	Cross-linked envelope protein of keratinocytes. It is a keratinocyte protein that first appears in the cell cytosol, but ultimately becomes cross-linked to membrane proteins by transglutaminase. All that results in the formation of an insoluble envelope beneath the plasma membrane.
Product References and Citations for anti-SPRR2A antibody	1. Kainu, K., et al. Exp. Dermatol. 18(2):109-115 (2009). 2. Demetris, A.J., et al. J. Hepatol. 48(2):276-288 (2008). 3. Tong, L., et al. Invest. Ophthalmol. Vis. Sci. 47(5):1938-1946 (2006). 4. Hong, S.H., et al. Mol. Cells 17(3):477-484 (2004). 5. Cabral, A., et al. J. Biol. Chem. 278(20):17792-17799 (2003).
Other Notes	Small volumes of anti-SPRR2A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for SPRR2A purchase	MBS6350854 is an antibody targeting SPRR2A. Also known as SPRR2A, CT (SPRR2A, Small proline-rich protein 2A, 2-1) (Azide free) (HRP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-SPRR2A antibody
Western Blot analysis in MDA-MB231 cell line lysates (35ug/lane) usingMBS648572. This demonstrates that MBS648572 detected the SPRR2A protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SPRR2A. It may not necessarily be applicable to this product.

NCBI GI #	5174693
NCBI GeneID	6700
NCBI Accession #	NP_005979.1
UniProt Primary Accession #	P35326
UniProt Secondary Accession #	Q5T529; B2R4T3; D3DV35
UniProt Related Accession #	P35326
GenBank Nucleotide #	NM_005988.3
NCBI Official Full Name	small proline-rich protein 2A
NCBI Official Synonym Full Names	small proline rich protein 2A
NCBI Official Symbol	SPRR2A
UniProt Protein Name	Small proline-rich protein 2A
UniProt Synonym Protein Names	2-1
Protein Family	Small proline-rich protein
UniProt Gene Name	SPRR2A
UniProt Synonym Gene Names	SPR-2A
NCBI Protein Information	small proline-rich protein 2A
Research Articles on SPRR2A	**1.** Expression of SPRR1 and of SPRR2A is increased in mucosal samples from patients with chronic rhinosinusitis and appeared as a downstream result of TNF alpha modulation, which possibly resulted in epithelial barrier dysfunction.
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