SPRR2A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SPRR2A, Polyclonal Antibody
Full Product Name	SPRR2A Antibody
Product Gene Name	anti-SPRR2A antibody
Product Synonym Names	Small proline-rich protein 2A; SPR-2A; 2-1; SPRR2A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: SPRR2A (MBS7004389) FITC Conjugated Antibody: SPRR2A (MBS7001712)
Matching Pairs	Unconjugated Antibody: SPRR2A (MBS7004389) Biotin Conjugated Antibody: SPRR2A (MBS7001831)
Matching Pairs	Unconjugated Antibody: SPRR2A (MBS7004389) HRP Conjugated Antibody: SPRR2A (MBS7003828)
Molecular Weight	7,965 Da
OMIM	182267
3D Structure	ModBase 3D Structure for P35326
Immunogen	Recombinant Small proline-rich protein 2A protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SPRR2A antibody	ELISA (EIA)
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.
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	MBS7004389 is an antibody targeting SPRR2A. Also known as SPRR2A Antibody. Host: Rabbit.

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_005988.2
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
UniProt Entry Name	SPR2A_HUMAN
NCBI Protein Information	small proline-rich protein 2A
UniProt Comments for SPRR2A	SPRR2A: 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. Belongs to the cornifin (SPRR) family. During squamous differentiation of epidermal keratinocytes Chromosomal Location of Human Ortholog: 1q21-q22 Cellular Component: cornified envelope; cytoplasm Molecular Function: protein binding; structural molecule activity Biological Process: epidermis development; keratinization; keratinocyte differentiation; peptide cross-linking
Research Articles on SPRR2A	**1.** SPRR2a modulates ZEB-1 signaling by way of miR-200c/141-associated epithelial mesenchyme transition through SH3-domain networks and contributes to benign and malignant wound-healing responses.
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