

Rabbit anti-Human SPRR1B Polyclonal Antibody | anti-SPRR1B antibody

SPRR1B Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285491	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

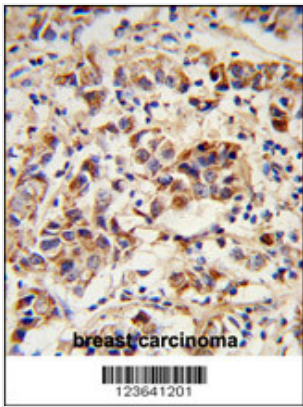
PRODUCT SYNONYMS

SPRR1B; Polyclonal Antibody; SPRR1B Antibody (C-term); Cornifin-B; 149 kDa pancornulin; Small proline-rich protein IB; SPR-IB; anti-SPRR1B antibody

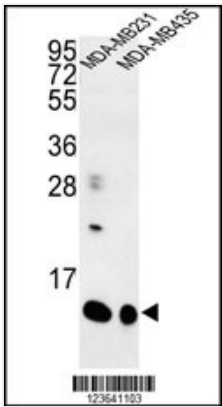
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SPRR1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 63-89 amino acids from the C-terminal region of human SPRR1B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.496 (varies by lot)
Sequence Positions	63-89
Sequence Length	89
Applicable Applications for anti-SPRR1B antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma reacted with SPRR1B Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of SPRR1B Antibody (C-term) in MDA-MB231, MDA-MB435 cell line lysates (35ug/lane). SPRR1B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SPRR1B antibody	SPRR1B 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. Can function as both amine donor and acceptor in transglutaminase-mediated cross-linkage.
References	Stemmler,S., et.al., Int. J. Immunogenet. 36 (4), 217-222 (2009) Kainu,K., et.al., Exp. Dermatol. 18 (2), 109-115 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	83582815
NCBI GeneID	6699
NCBI Accession #	NP_003116.2
NCBI GenBank Nucleotide #	NM_003125.2
UniProt Accession #	P22528; P22529; P22530; Q5T524; B2R5H7
Molecular Weight	9888
NCBI Official Full Name	cornifin-B
NCBI Official Synonym Full Names	small proline-rich protein 1B
NCBI Official Symbol	SPRR1B
NCBI Official Synonym Symbols	SPRR1; GADD33; CORNIFIN
NCBI Protein Information	cornifin-B
UniProt Protein Name	Cornifin-B
UniProt Gene Name	SPRR1B
UniProt Synonym Gene Names	SPR-IB
UniProt Entry Name	SPR1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

