

Rabbit Syndecan 4 Polyclonal Antibody | anti-SDC4 antibody

Anti-Syndecan 4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46264	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

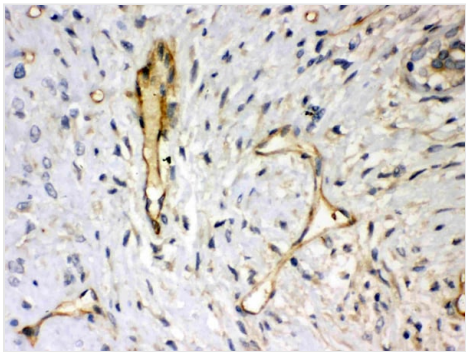
PRODUCT SYNONYMS

Syndecan 4; Polyclonal Antibody; Anti-Syndecan 4 Antibody; Syndecan-4; Amphiglycan; MGC22217; OTTHUMP00000031788; ryudocan amphiglycan; Ryudocan; Ryudocan core protein; SDC 4; SDC4; SDC4_HUMAN; SYND 4; SYND4; syndecan 4; syndecan 4 (amphiglycan; ryudocan); syndecan proteoglycan 4; Syndecan4; anti-SDC4 antibody

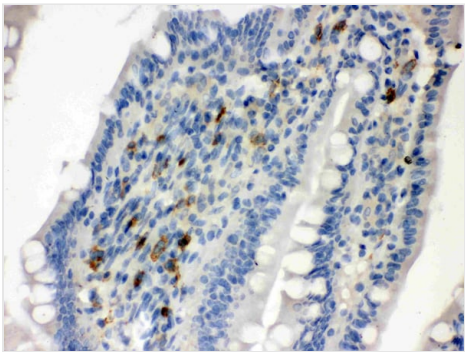
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	198
Applicable Applications for anti-SDC4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Syndecan 4 (172-198aa MKKKDEGSYDLGKKPIYKKAPTNEFYA), identical to the related mouse and rat sequences.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Relevant Detection System	The lab recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG () for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit () for IHC(P).
Preparation and Storage	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquoted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

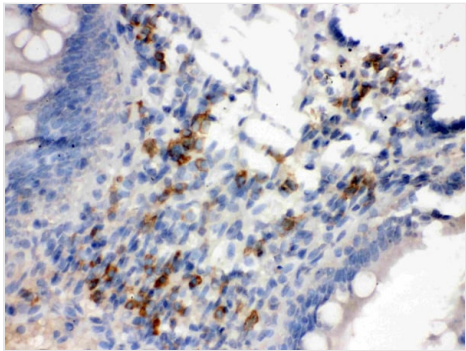
IMAGES



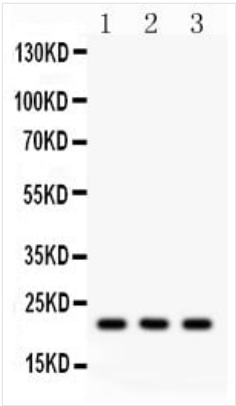
IHC (Immunohistochemistry)
Anti- Syndecan 4 Picoband antibody, AAA46264, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti- Syndecan 4 Picoband antibody, AAA46264, IHC(P)IHC(P): Rat Intestine Tissue



IHC (Immunohistochemistry)
Anti- Syndecan 4 Picoband antibody, AAA46264, IHC(P)IHC(P): Mouse Intestine Tissue



WB (Western Blot)
Anti- Syndecan 4 Picoband antibody, AAA46264, Western blottingAll lanes: Anti Syndecan 4 (AAA46264) at 0.5ug/mlLane 1: MCF-7 Whole Cell Lysate at 40ugLane 2: SW620 Whole Cell Lysate at 40ugLane 3: Rat Lung Tissue Lysate at 50ugPredicted bind size: 22KDObserved bind size: 22KD

ADDITIONAL INFORMATION

Related Product Information for anti-SDC4 antibody	Syndecan 4 is also known as SDC4. The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is amember of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecanreceptors are required for internalization of the HIV-1 tat protein. The syndecan-1 protein functions as an integral membrane protein andparticipates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-1expression has been detected in several different tumor types. While several transcript variants may exist for this gene, the full-length natures ofonly two have been described to date. These two represent the major variants of this gene and encode the same protein.
References	1. "Entrez Gene: SDC4 syndecan 4". 2. Woods A, Couchman JR (May 1998). "Syndecans: synergistic activators of cell adhesion". Trends Cell Biol. 8 (5): 189-92.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38201675
NCBI GeneID	6385
NCBI Accession #	NP_002990.2
NCBI GenBank Nucleotide #	NM_002999.3
UniProt Accession #	P31431; O00773; Q16833; Q53FN9; Q6FGN3
NCBI Official Full Name	syndecan-4

NCBI Official Synonym Full Names	syndecan 4
NCBI Official Symbol	SDC4
NCBI Official Synonym Symbols	SYND4
NCBI Protein Information	syndecan-4
UniProt Protein Name	Syndecan-4
UniProt Gene Name	SDC4
UniProt Synonym Gene Names	SYND4
UniProt Entry Name	SDC4_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/syndecan-4-antibody-immunohistochemistry-western-blot-elisa/46264>