

Rabbit Syndecan 3 Polyclonal Antibody | anti-SDC3 antibody

Anti-Syndecan 3 antibody

CATALOG # AAA45417	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Syndecan 3; Polyclonal Antibody; Anti-Syndecan 3 antibody; Syndecan-3; syndecan 3; N-syndecan antibody; Sdc3 antibody; SDC3_HUMAN antibody; SDCN antibody; SYND3 antibody; syndecan proteoglycan 3 antibody; Syndecan-3 antibody; anti-SDC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	442
Applicable Applications for anti-SDC3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse Syndecan 3 (45-60aa AQRWRNENFERPVDLE), identical to the related rat sequence, and different from the related human sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



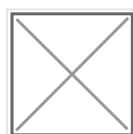
WB (Western Blot)

Anti-Syndecan 3/SDC3 antibody, AAA45417, Western blotting Lane 1: U87 Cell Lysate Lane 2: 293T Cell Lysate Lane 3: PC-12 Cell Lysate Lane 4: NRK Cell Lysate Lane 5: HT1080 Cell Lysate



IHC (Immunohistochemistry)

Anti-Syndecan 3/SDC3 antibody, AAA45417, IHC(P) IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)

Anti-Syndecan 3/SDC3 antibody, AAA45417, IHC(P) IHC(P): Human Placenta Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-SDC3 antibody	Description: Rabbit IgG polyclonal antibody for Syndecan-3(SDC3) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Syndecan-3, also called SYND3 is a protein that in humans is encoded by the SDC3 gene. This gene was assigned to human chromosome 1p35.2. This gene can function as in trans HIV receptors via binding of HIV-1 gp120 to the syndecan heparin sulfate chains. It may play a role in the organization of cell shape by affecting the actin cytoskeleton, and possibly by transferring signals from the cell surface in a sugar-dependent mechanism. In wildtype mice, SDC3 was expressed in hypothalamic regions that control energy balance. It was proposed that oscillation of hypothalamic SDC3 levels physiologically modulates feeding behavior.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114152874
NCBI GeneID	20970
UniProt Accession #	Q64519; Q3UDD9; Q6ZQA4; Q7TQD4
Molecular Weight	46,002 Da
NCBI Official Full Name	Syndecan-3
NCBI Official Synonym Full Names	syndecan 3
NCBI Official Symbol	Sdc3
NCBI Official Synonym Symbols	Synd3; syn-3; mKIAA0468
NCBI Protein Information	syndecan-3
UniProt Protein Name	Syndecan-3
UniProt Gene Name	Sdc3
UniProt Synonym Gene Names	Kiaa0468; SYND3
UniProt Entry Name	SDC3_MOUSE

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-3-antibody-immunohistochemistry-western-blot-elisa/45417>