

Rabbit Syndecan-3 Polyclonal Antibody | anti-SDC3 antibody

Syndecan-3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323153	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

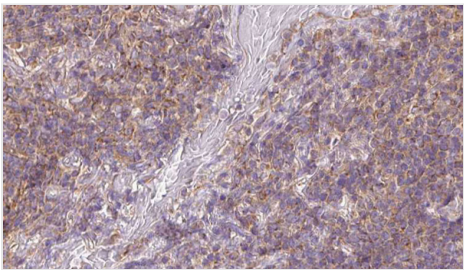
PRODUCT SYNONYMS

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

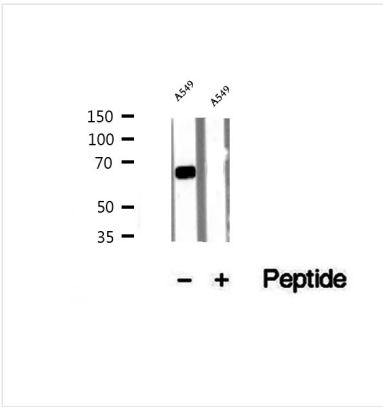
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Syndecan-3 antibody detects endogenous levels of Syndecan-3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	442
Applicable Applications for anti-SDC3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Syndecan-3.
Subcellular Location	Membrane.
Tissue Specificity	Expressed in the nervous system, the adrenal gland, and the spleen.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Bovine (100%), Horse (92%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323153 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of A549 cells, using Syndecan-3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SDC3 antibody	Function: Cell surface proteoglycan that may bear heparan sulfate (By similarity). May have a role in the organization of cell shape by affecting the actin cytoskeleton, possibly by transferring signals from the cell surface in a sugar-dependent mechanism. Subunit Structure: Interacts with TIAM1. Post-translational Modifications: O-glycosylated within the Thr/Ser-rich region which could interact with lectin domains on other molecules. Similarity: Belongs to the syndecan proteoglycan family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187960059
NCBI GeneID	9672
NCBI Accession #	NP_055469.3
NCBI GenBank Nucleotide #	NM_014654.3
UniProt Accession #	O75056; Q5T1Z6; Q5T1Z7; Q96CT3; Q96PR8
Molecular Weight	Observed: 60-70 kDa Predicted: 46 kDa
NCBI Official Full Name	syndecan-3
NCBI Official Synonym Full Names	syndecan 3
NCBI Official Symbol	SDC3
NCBI Official Synonym Symbols	SDCN; SYND3
NCBI Protein Information	syndecan-3
UniProt Protein Name	Syndecan-3
UniProt Gene Name	SDC3
UniProt Synonym Gene Names	KIAA0468; SYND3

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.