

DNAxPAb

Hard-to-Find
Antibody

SDC2 DNAxPab

Catalog # H00006383-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SDC2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRRAWILLTLGLVACVSAESRAELTSKDMYLDNSSIEEASGVYPIDDDDYASASGSGADEDVES PELTTTRPLPKILLTSAAPKVETTTLNQNKIPAQTKSPEETDKEKVHLSDSERKMDPAEEDTNVYT EKHSDSLFKRTEVLAAVIAGGVIGFLFAIFLILLVYRMRKKDEGSYDLGERKPSSAAYQKAPTKEF YA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SDC2

Entrez GeneID	6383
GeneBank Accession#	BC049836.1
Protein Accession#	AAH49836.1
Gene Name	SDC2
Gene Alias	HSPG, HSPG1, SYND2
Gene Description	syndecan 2
Omim ID	142460
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-2 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-2 expression has been detected in several different tumor types. [provided by RefSeq]
Other Designations	cell surface-associated heparan sulfate proteoglycan 1 fibroglycan heparan sulfate proteoglycan 1, cell surface-associated heparan sulfate proteoglycan core protein syndecan proteoglycan 2

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [ECM-receptor interaction](#)

Disease

- [Albuminuria](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Mental Disorders](#)
- [Proteinuria](#)
- [Tobacco Use Disorder](#)