

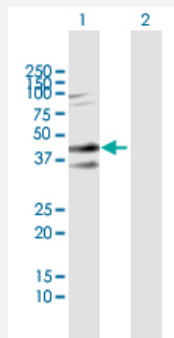
MaxPab®

SDC2 purified MaxPab mouse polyclonal antibody (B04P)

Catalog # H00006383-B04P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SDC2 expression in transfected 293T cell line ([H00006383-T06](#)) by SDC2 MaxPab polyclonal antibody.

Lane 1: SDC2 transfected lysate(20.13 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SDC2 protein.
Immunogen	SDC2 (NP_002989.2, 19 a.a. ~ 201 a.a) full-length human protein.
Sequence	ESRAELTSDKMYLDNSSIEEASGVYPIDDDYASASGSGADEDVESPELTTRPLPKILLTSAAP KVETTTLNIQNKIPAQTKSPEETDKEKVHLSDSERKMDPAEEDTNVYTEKHSDSLFKRTEVLA AGGVIGFLFAIFLILLVYRMKKDEGSYDLGERKPSSAAYQKAPTKEFYA
Host	Mouse
Reactivity	Human
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)

Western Blot analysis of SDC2 expression in transfected 293T cell line ([H00006383-T06](#)) by SDC2 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — SDC2

Entrez GeneID [6383](#)

GeneBank Accession# [NM_002998](#)

Protein Accession# [NP_002989.2](#)

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

Publication Reference

- [Cell surface heparan sulfate proteoglycans control adhesion and invasion of breast carcinoma cells.](#)

Lim H, Multhaupt H, Couchman JR.

Molecular Cancer 2015 Jan; 14(1):15.

Application: Flow Cyt, WB-Ce, Human, MDA-MB231 cells

- [Syndecan-2 regulation of morphology in breast carcinoma cells is dependent on RhoGTPases.](#)

Lim HC, Couchman JR.

Biochimica et Biophysica Acta 2014 Aug; 1840(8):2482.

Application: Flow Cyt, Human, MDA-MB231 cells

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](#)