



Syndecan-4 Rabbit Polyclonal Antibody

Catalog #: EAB12120

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, IHC-P, IF/ICC, ELISA	22	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB (Western Blotting)	1:500-2000
IHC-P (Immunohistochemistry-Paraffin)	1:50-300
IF/ICC (Immunofluorescence/Immunocytochemistry)	1:50-300
ELISA (Enzyme-linked Immunosorbent Assay)	1:5000-20000

Product Information

Conjugate	Unconjugate
Specificity	Syndecan-4 Rabbit Polyclonal Antibody detects endogenous levels of Syndecan-4 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
UniProt ID	P31431
Entrez-Gene ID	6385

Product Description

Syndecan-4 also known as SYND4, SDC4 is a transmembrane (type I) integral membrane proteoglycan that plays a pivotal role in cell-extracellular matrix adhesion, collaborating with integrins to facilitate cell spreading, focal adhesion assembly, and actin stress fiber formation. These functions are critical for processes such as cell migration, tissue repair, and signal transduction, highlighting the importance of Syndecan-4 in maintaining cellular structure and communication.

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