

Datasheet for ABIN3029080
anti-SDC3 antibody (N-Term)

5 Images

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Overview

Quantity:	100 µg
Target:	SDC3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	An amino acid sequence from the N-terminus of mouse Syndecan 3 (AQRWRNENFERPVDLE) was used as the immunogen for this Syndecan 3 antibody (100% rat homology).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	SDC3
Alternative Name:	Syndecan 3 (SDC3 Products)
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

Target Details

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.

UniProt: [Q64519](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Syndecan 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

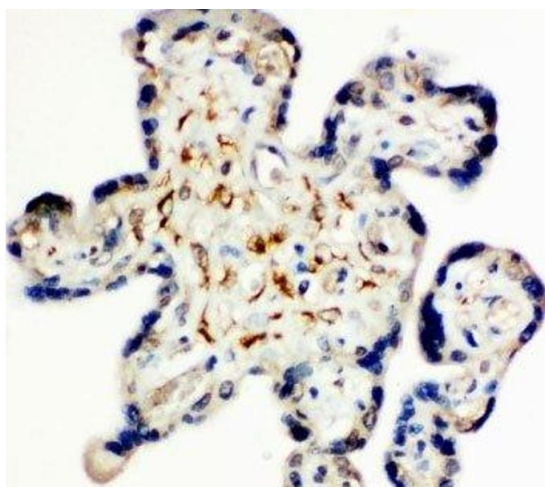
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

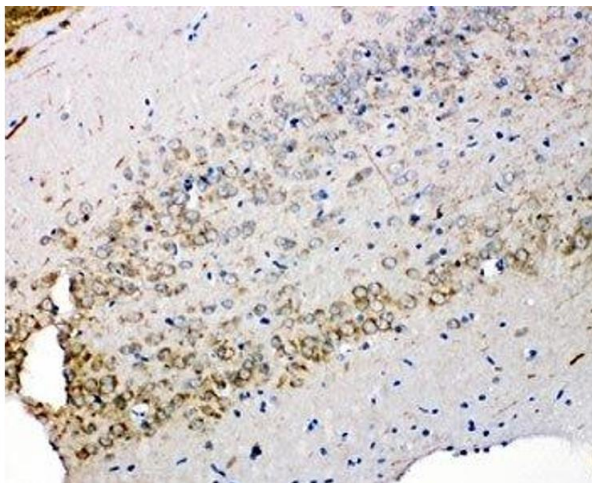
Storage Comment: After reconstitution, the Syndecan 3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



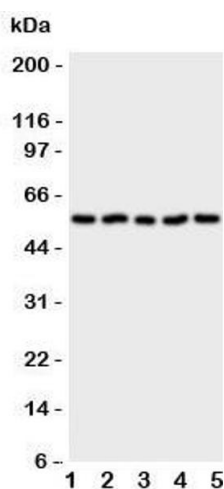
Immunohistochemistry

Image 1. IHC-P: Syndecan 3 antibody testing of human placenta tissue



Immunohistochemistry

Image 2. IHC-P: Syndecan 3 antibody testing of rat brain tissue



Western Blotting

Image 3. Western blot testing of Syndecan 3 antibody and
Lane 1: human U87; 2: (h) 293T; 3: rat PC12; 4: (r) NRK; 5: (h) HT1080 cell lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029080.