

Datasheet for ABIN1532658  
**anti-SDC4 antibody (AA 145-194)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	SDC4
Binding Specificity:	AA 145-194
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Syndecan4.
Isotype:	IgG
Specificity:	Syndecan4 Antibody detects endogenous levels of total Syndecan4 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	SDC4
Alternative Name:	Syndecan4 ( <a href="#">SDC4 Products</a> )
Background:	Synonyms: Amphiglycan, Ryudocan core protein, SDC4, SYND4, Syndecan-4 precursor

## Target Details

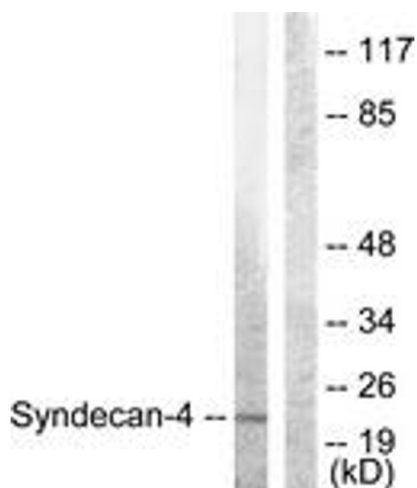
	NCBI Gene Symbol: SDC4
Molecular Weight:	21 kDa
Gene ID:	6385
OMIM:	600017
UniProt:	<a href="#">P31431</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.632267 (NCBI Gene Symbol: SDC4)
Restrictions:	For Research Use only

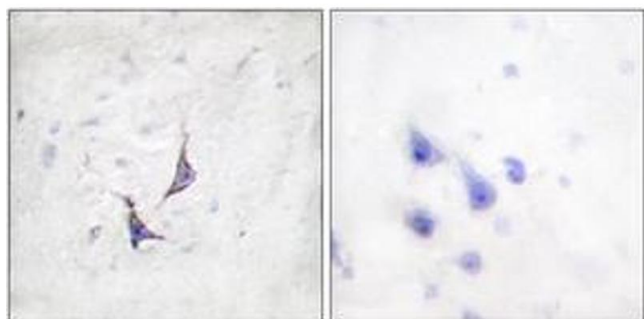
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



#### Western Blotting

**Image 1.** Western blot analysis of extracts from HepG2 cells, using Syndecan4 (Ab-179) Antibody. The lane on the right is treated with the synthesized peptide.



#### Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Syndecan4 (Ab-179) Antibody. The picture on the right is treated with the synthesized peptide.



#### Immunofluorescence

**Image 3.** Immunofluorescence analysis of HeLa cells, using Syndecan4 (Ab-179) Antibody. The picture on the right is treated with the synthesized peptide.