

# NG2/CSPG4 Rabbit pAb

Catalog No.: A22556

## Basic Information

### Observed MW

270-300kDa

### Calculated MW

252kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables coreceptor activity. Acts upstream of or within several processes, including platelet-derived growth factor receptor signaling pathway; positive regulation of MAPK cascade; and ruffle assembly. Located in plasma membrane and ruffle. Is expressed in several structures, including brain; jaw; respiratory system; retina; and skeleton. Human ortholog(s) of this gene implicated in relapsing-remitting multiple sclerosis. Orthologous to human CSPG4 (chondroitin sulfate proteoglycan 4).

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

121021

### Swiss Prot

Q8VHY0

### Immunogen

Recombinant protein of human NG2/CSPG4.

### Synonyms

AN2; NG2; Cspg4a; 4732461B14Rik; NG2/CSPG4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

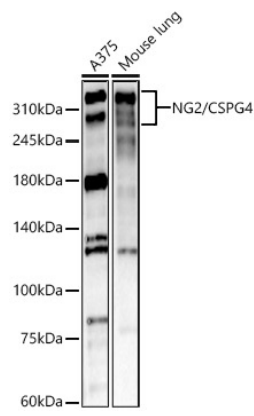
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of various lysates, using NG2/CSPG4 antibody (A22556) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.