

**NG2/CSPG4 polyclonal antibody**

Catalog: BS80386

Host: Rabbit

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).

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

270-300KDa

**Swiss-Prot:**

Q8VHY0

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

WB,1:200 - 1:2000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Modification:**

Unmodification

**DATA:**

Western blot analysis of various lysates, using NG2/CSPG4 antibody at 1:1639 dilution.<br/>Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.<br/>Lysates/proteins: 25ug per lane.<br/>Blocking buffer: 3% nonfat dry milk in TBST.<br/>Detection: ECL Basic Kit .<br/>Exposure time: 180s.

**Note:**

For research use only, not for use in diagnostic procedure.

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