

Netrin G1 ligand Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58495**Specification**

Netrin G1 ligand Polyclonal Antibody - Product Information

Application	IF, WB
Primary Accession	O9HCJ2
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71950

Netrin G1 ligand Polyclonal Antibody - Additional Information**Gene ID** 57689**Other Names**

Leucine-rich repeat-containing protein 4C, Netrin-G1 ligand, NGL-1, LRRC4C, KIAA1580, NGL1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Netrin G1 ligand Polyclonal Antibody - Protein Information**Name** LRRC4C**Synonyms** KIAA1580, NGL1**Function**

May promote neurite outgrowth of developing thalamic neurons.

Cellular Location

Postsynaptic cell membrane; Single-pass type I membrane protein

Tissue Location

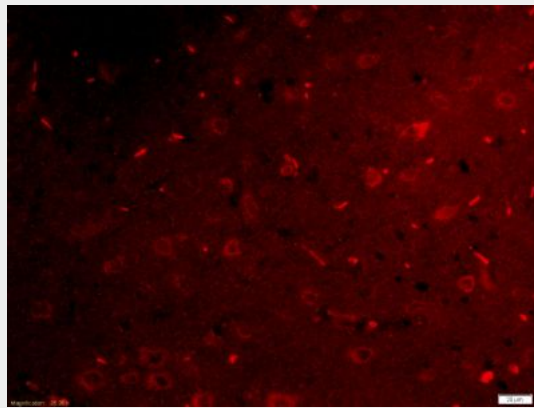
Highly expressed in the cerebral cortex, including frontal, parietal and occipital lobes. Putamen, amygdala, hippocampus and medulla oblongata show moderate expression. Caudate nucleus and thalamus express small amounts, whereas other brain regions show very weak or no expression.

Netrin G1 ligand Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

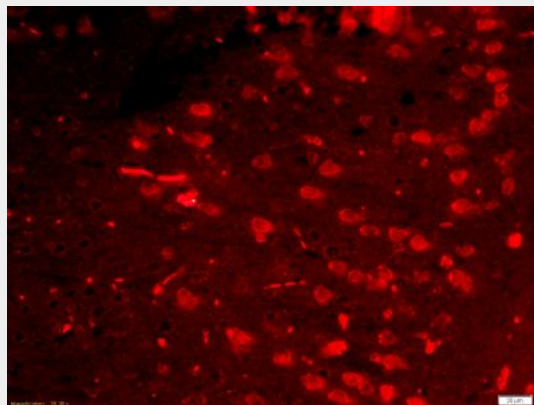
Netrin G1 ligand Polyclonal Antibody - Images



Tissue/cell: rat brain tissue;4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

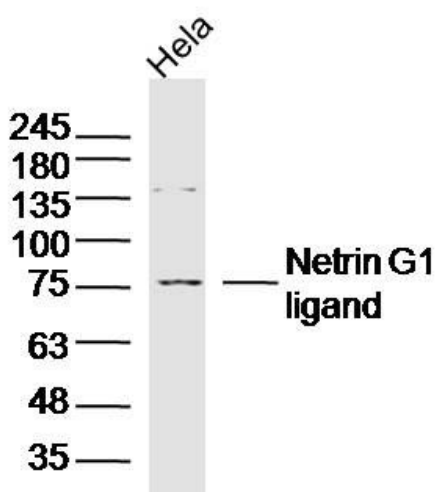
Incubation: Anti-NGL1 Polyclonal Antibody, Unconjugated(bs-6710R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(bs-0295G-Cy3)used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei



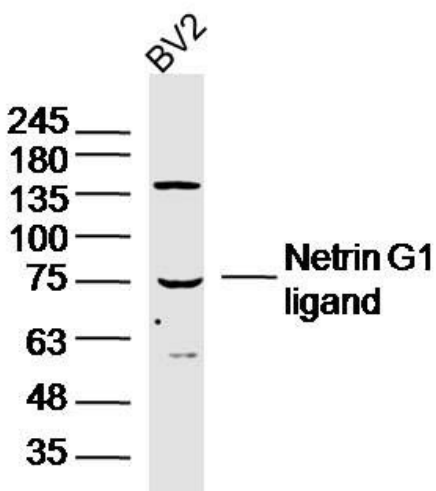
Tissue/cell: mouse brain tissue;4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-NGL1 Polyclonal Antibody, Unconjugated(bs-6710R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(bs-0295G-Cy3)used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei



Sample: HeLa Cell (Human) Lysate at 40 ug
Primary: Anti- Netrin G1 ligand (bs-6710R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 70 kD
Observed band size: 76 kD



Sample: BV2 Cell (Mouse) Lysate at 40 ug
Primary: Anti- Netrin G1 ligand (bs-6710R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 70 kD
Observed band size: 76 kD