



SUNLONG

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Rabbit Anti-Contactin 3 antibody

SL6033R

Product Name Contactin 3

Chinese Name 脑源性免疫球蛋白超家族蛋白 3 抗体

Alias BIG 1; BIG-1; Contactin-3; Plasmacytoma-associated neuronal glycoprotein; Brain derived immunoglobulin superfamily protein 1; Brain-derived immunoglobulin superfamily protein 1; KIAA1496; PANG; PCS; CNTN3.

Research Area Cell biology immunology Neurobiology Cell Surface Molecule TumourCell biologyMaker

Immunogen Species Rabbit

Clonality Polyclonal

React Species Rat(predicted:Human,Mouse,Chicken,Dog,Cow,Horse,Rabbit)

Applications IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 108kDa

Cellular localization The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human Contactin 3: 301-400/1028

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Contactins mediate cell surface interactions during nervous system development. Contactin 3 has some neurite outgrowth-promoting activity.

Function:

Contactins mediate cell surface interactions during nervous system development. Has some neurite outgrowth-promoting activity (By similarity).

Subcellular Location:

Cell membrane; Lipid-anchor, GPI-anchor.

Tissue Specificity:

In brain, it is expressed in frontal lobe, occipital lobe, cerebellum and amygdala.

Similarity:

Belongs to the immunoglobulin superfamily. Contactin family.

Contains 4 fibronectin type-III domains.

Contains 6 Ig-like C2-type (immunoglobulin-like) domains.

SWISS:

Q9P232

**Product
Detail**

Gene ID:

5067

Database links:

[Entrez Gene: 5067](#) Human

[Entrez Gene: 18488](#) Mouse

[Entrez Gene: 54279](#) Rat

[Omim: 601325](#) Human

[SwissProt: Q9P232](#) Human

[SwissProt: Q07409](#) Mouse

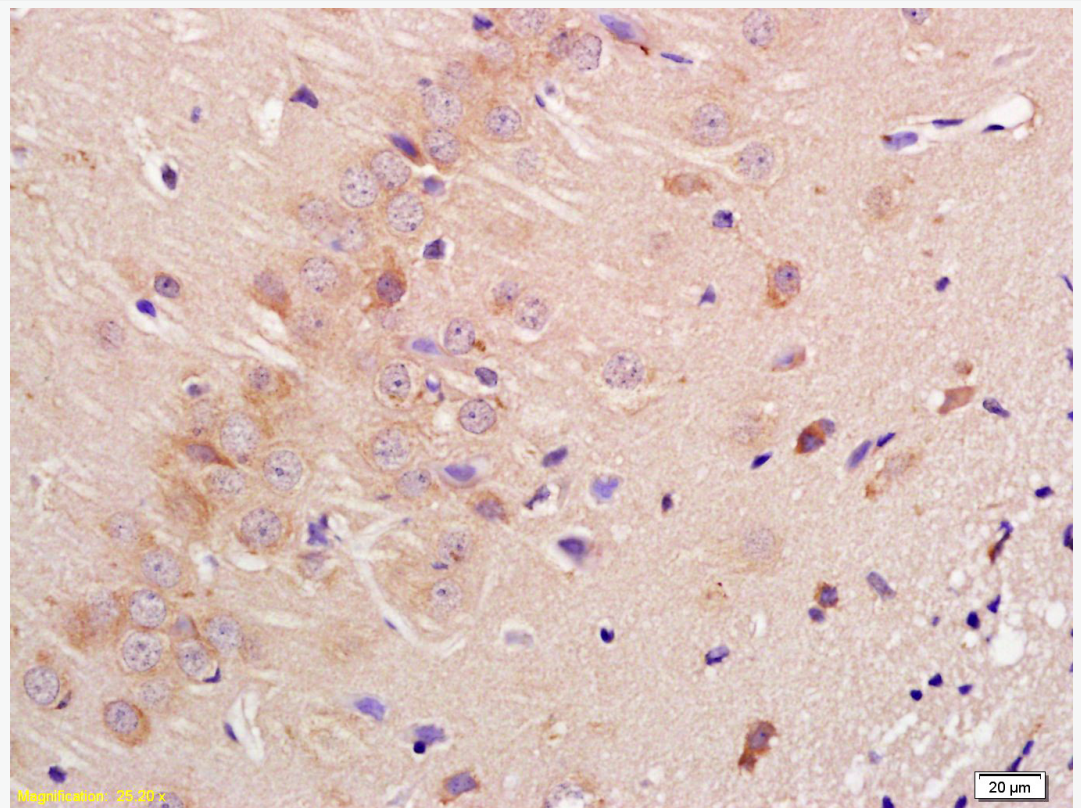
[SwissProt: Q62682](#) Rat

[Unigene: 12723](#) Human

[Unigene: 435479](#) Mouse

[Unigene: 10043](#) Rat

**Product
Picture**



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block
endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer
(normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-Contactin 3 Polyclonal Antibody, Unconjugated(SL6033R)
1:200, overnight at 4°C, followed by conjugation to the secondary
antibody(SP-0023) and DAB(C-0010) staining