



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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	108kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or 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
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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

Gene ID:

5067

Database links:

[Entrez Gene: 5067](#)Human

[Entrez Gene: 18488](#)Mouse

[Entrez Gene: 54279](#)Rat

[Oimim: 601325](#)Human

[SwissProt: Q9P232](#)Human

[SwissProt: Q07409](#)Mouse

[SwissProt: Q62682](#)Rat

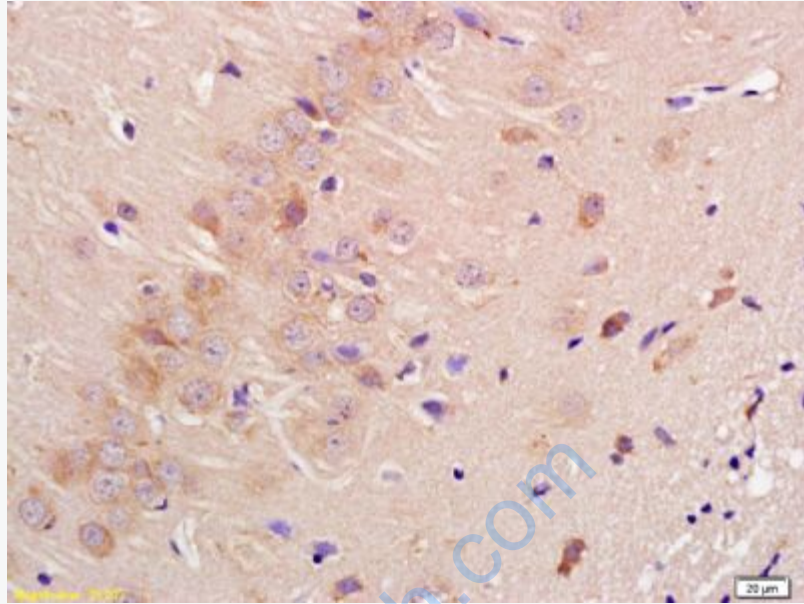
[Unigene: 12723](#)Human

[Unigene: 435479](#)Mouse

[Unigene: 10043](#)Rat

Important Note:

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



Picture:

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, 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