

Contactin 3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58365

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9P232
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	112883
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Contactin 3
Epitope Specificity	301-400/1028
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Lipid-anchor, GPI-anchor.
SIMILARITY	Belongs to the immunoglobulin superfamily. Contactin family. Contains 4 fibronectin type-III domains. Contains 6 Ig-like C2-type (immunoglobulin-like) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Contactins mediate cell surface interactions during nervous system development. Contactin 3 has some neurite outgrowth-promoting activity.

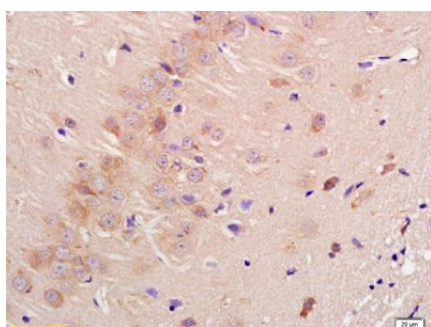
Additional Information

Gene ID	5067
Other Names	Contactin-3, Brain-derived immunoglobulin superfamily protein 1, BIG-1, Plasmacytoma-associated neuronal glycoprotein, CNTN3, KIAA1496, PANG
Target/Specificity	In brain, it is expressed in frontal lobe, occipital lobe, cerebellum and amygdala.
Dilution	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 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.

Protein Information

Name	CNTN3
Synonyms	KIAA1496, PANG
Function	Contactins mediate cell surface interactions during nervous system development. Has some neurite outgrowth-promoting activity (By similarity).
Cellular Location	Cell membrane; Lipid-anchor, GPI- anchor
Tissue Location	In brain, it is expressed in frontal lobe, occipital lobe, cerebellum and amygdala.

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; 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(AP58365) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.