

Anti-Contactin 3 Antibody

Catalog # AP51751

Product Information

Application	WB, IHC
Primary Accession	Q9P232
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	112883

Additional Information

Gene ID	5067
Other Names	KIAA1496; PANG; Contactin-3; Brain-derived immunoglobulin superfamily protein 1; BIG-1; Plasmacytoma-associated neuronal glycoprotein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Contactin 3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

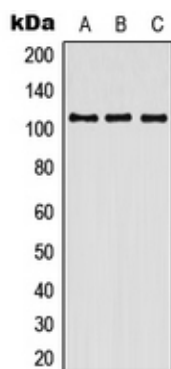
Name	CNTN3
Synonyms	KIAA1496, PANG
Function	Contactins mediate cell surface interactions during nervous system development. Has some neurite outgrowth-promoting activity (By similarity).
Cellular Location	Cell membrane; Lipid-anchor, GPI- anchor
Tissue Location	In brain, it is expressed in frontal lobe,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

References

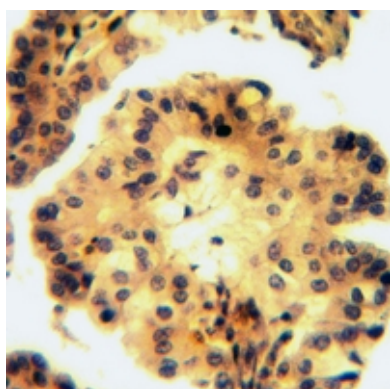
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Bechtel S.,et al.BMC Genomics 8:399-399(2007).
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Images



Western blot analysis of Contactin 3 expression in HEK293T (A), SP2/0 (B), H9C2 (C) whole cell lysates. (Predicted band size: 112 kD; Observed band size: 112 kD)



Immunohistochemical analysis of Contactin 3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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