

Anti-Contactin 3 Antibody

Catalog #	Source	Reactivity	Applications
CPA1851	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to Contactin 3		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Contactin 3. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Contactin 3 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)		
Gene Symbol	CNTN3		
Alternative Names	KIAA1496; PANG; Contactin-3; Brain-derived immunoglobulin superfamily protein 1; BIG-1; Plasmacytoma-associated neuronal glycoprotein		
Entrez Gene	5067 (Human); 18488 (Mouse); 54279 (Rat)		
SwissProt	Q9P232 (Human); Q07409 (Mouse); Q62682 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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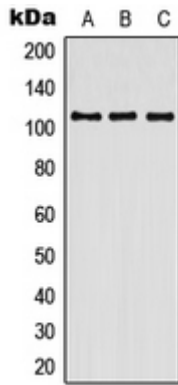
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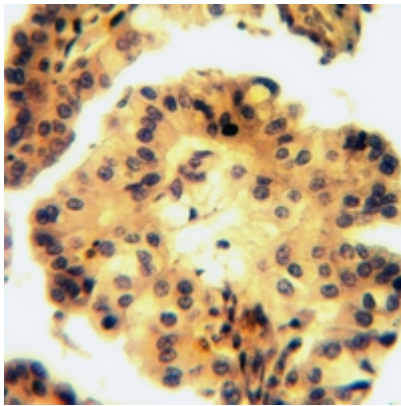
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Product Data Sheet



Western blot analysis of Contactin 3 expression in HEK293T (A), SP2/O (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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