For research purposes only, not for human use

Product Data Sheet

Anti-PGBD1 Antibody

Catalog #	Source	Reactivity	Applications
CPA6539	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to PGBD1
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PGBD1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of PGBD1 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 - 1/200)
Gene Symbol	PGBD1
Alternative Names	PiggyBac transposable element-derived protein 1; Cerebral protein 4
Entrez Gene	84547 (Human)
SwissProt	Q96JS3 (Human)
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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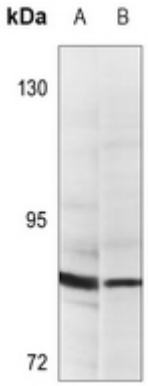
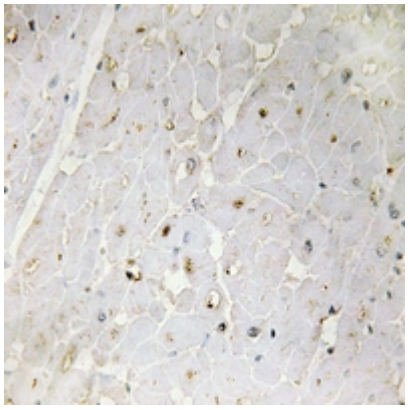


Western blot analysis of PGBD1 expression in CT26 (A), Hela (B) whole cell lysates. (Predicted band size: 92 kD; Observed band size: 92 kD)



Immunohistochemical analysis of PGBD1 staining in human heart 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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