

Product Data Sheet

Anti-PIGR Antibody

Catalog #	Source	Reactivity	Applications
CQA5476	Rabbit	H, M, R	WB, IH, IF/IC
Description	Rabbit polyclonal antibody to PIGR		
Immunogen	Recombinant fusion protein of human PIGR. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of PIGR 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 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)		
Gene Symbol	PIGR		
Alternative Names	Polymeric immunoglobulin receptor; PlgR; Poly-Ig receptor; Hepatocellular carcinoma-associated protein TB6		
Entrez Gene	5284 (Human); 18703 (Mouse); 25046 (Rat)		
SwissProt	P01833 (Human); O70570 (Mouse); P15083 (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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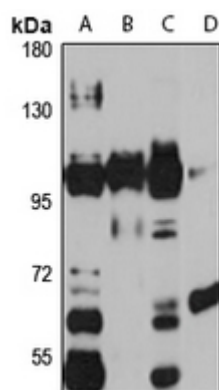
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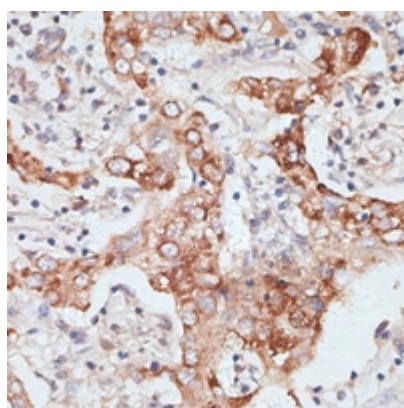
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Western blot analysis of PIGR expression in HEK293T (A), A549 (B), mouse liver (C), rat liver (D) whole cell lysates. (Predicted band size: 83 kD; Observed band size: 100 kD)



Immunohistochemical analysis of PIGR staining in human liver 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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