

Anti-HPGD Antibody

Catalog #	Source	Reactivity	Applications
CQA3240	Rabbit	H, M	WB, IH
Description	Rabbit polyclonal antibody to HPGD		
Immunogen	Recombinant full length protein of human HPGD		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of HPGD 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)		
Gene Symbol	HPGD		
Alternative Names	PGDH1; 15-hydroxyprostaglandin dehydrogenase [NAD(+)]; 15-PGDH; Prostaglandin dehydrogenase 1		
Entrez Gene	3248 (Human); 15446 (Mouse); 79242 (Rat)		
SwissProt	P15428 (Human); Q8VCC1 (Mouse); O08699 (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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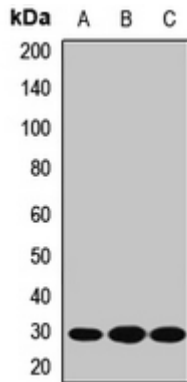
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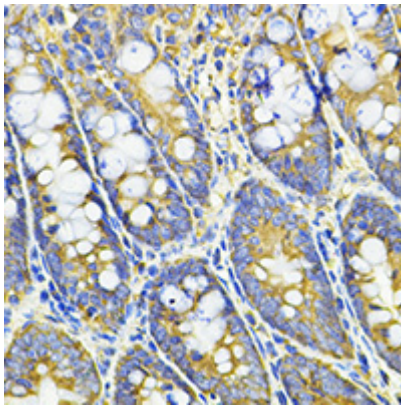
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Product Data Sheet



Western blot analysis of HPGD expression in Jurkat (A), mouse liver (B), mouse lung (C) whole cell lysates. (Predicted band size: 15; 19; 21; 28 kD; Observed band size: 29 kD)



Immunohistochemical analysis of HPGD staining in rat intestine 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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