

Product Data Sheet

Anti-GPBP Antibody

Catalog #	Source	Reactivity	Applications
CQA4135	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to GPBP		
Immunogen	Recombinant fusion protein of human GPBP. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of GPBP 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), IF/IC (1/50 - 1/200)		
Gene Symbol	COL4A3BP		
Alternative Names	CERT; STARD11; Collagen type IV alpha-3-binding protein; Ceramide transfer protein; hCERT; Goodpasture antigen-binding protein; GPBP; START domain-containing protein 11; StARD11; StAR-related lipid transfer protein 11		
Entrez Gene	10087 (Human); 68018 (Mouse)		
SwissProt	Q9Y5P4 (Human); Q9EQG9 (Mouse)		
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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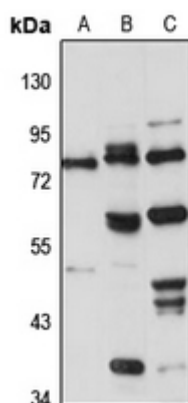
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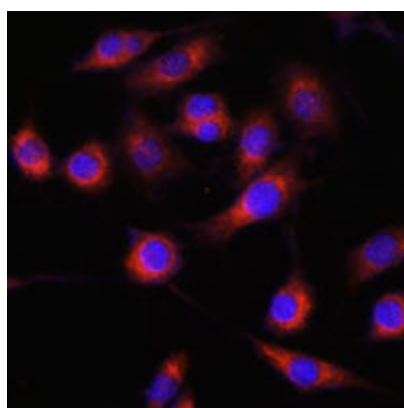
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Western blot analysis of GPBP expression in HeLa (A), mouse brain (B), mouse heart (C) whole cell lysates. (Predicted band size: 68; 70; 83 kD; Observed band size: 73 kD)



Immunofluorescent analysis of GPBP staining in L929 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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