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Product Data Sheet

Anti-PIR121 Antibody

Catalog #	Source	Reactivity	Applications
CPA7491	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to PIR121
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PIR121. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of PIR121 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	CYFIP2
Alternative Names	KIAA1168; PIR121; Cytoplasmic FMR1-interacting protein 2; p53-inducible protein 121
Entrez Gene	26999 (Human); 76884 (Mouse)
SwissProt	Q96F07 (Human); Q5SQX6 (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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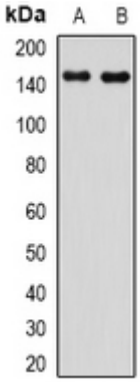
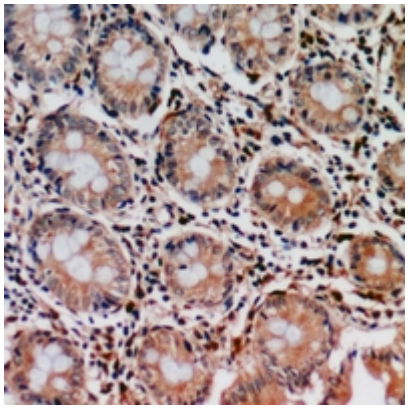


Western blot analysis of PIR121 expression in HepG2 (A), Hela (B) whole cell lysates. (Predicted band size: 148 kD; Observed band size: 148 kD)



Immunohistochemical analysis of PIR121 staining in human colon 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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