

Anti-VAV3 (Phospho-Y173) Antibody

Catalog #	Source	Reactivity	Applications
CPA6069	Rabbit	H, M	WB, IH
Description	Rabbit polyclonal antibody to VAV3 (Phospho-Y173)		
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y173 of human VAV3 protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of VAV3 protein only when phosphorylated at Y173.		
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	VAV3		
Alternative Names	Guanine nucleotide exchange factor VAV3; VAV-3		
Entrez Gene	10451 (Human); 57257 (Mouse)		
SwissProt	Q9UKW4 (Human); Q9ROC8 (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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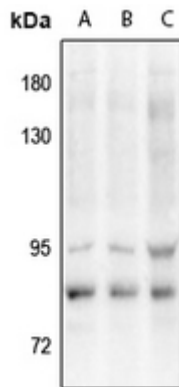
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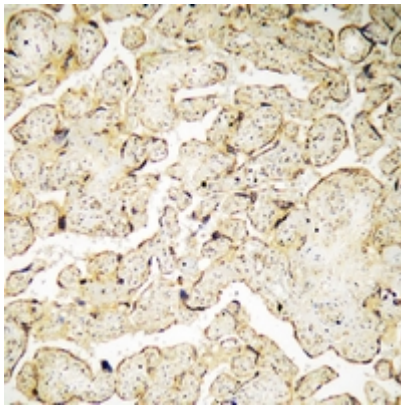
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Product Data Sheet



Western blot analysis of VAV3 (Phospho-Y173) expression in SGC7901 (A), H1792 (B), HCT116 (C) whole cell lysates. (Predicted band size: 97 kD; Observed band size: 98; 86 kD)



Immunohistochemical analysis of VAV3 (Phospho-Y173) staining in human placenta 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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