

Product Data Sheet

Anti-PI3 Antibody

Catalog # Source Reactivity Applications

CQA3078 Rabbit H, M, R WB, IH

Description Rabbit polyclonal antibody to PI3

Immunogen Recombinant full length protein of human PI3

Purification The antibody was purified by immunogen affinity chromatography.

Specificity Recognizes endogenous levels of PI3 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 PI3

Alternative Names WAP3; WFDC14; Elafin; Elastase-specific inhibitor; ESI; Peptidase inhibitor 3; PI-3;

Protease inhibitor WAP3; Skin-derived antileukoproteinase; SKALP; WAP

four-disulfide core domain protein 14

Entrez Gene 5266 (Human)

SwissProt P19957 (Human)

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

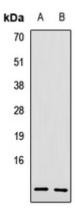
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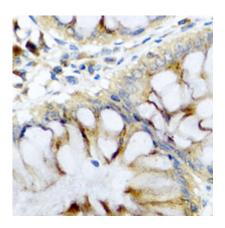




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Western blot analysis of PI3 expression in U87 (A), HepG2 (B) whole cell lysates. (Predicted band size: 12 kD; Observed band size: 12 kD)



Immunohistochemical analysis of PI3 staining in human colon 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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