

Product Data Sheet

Anti-Annexin A1 Antibody

Catalog # Source Reactivity Applications

CPA1049 Rabbit H, M, R, Mk WB, IH, IF/IC

Description Rabbit polyclonal antibody to Annexin A1

Immunogen KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human Annexin A1. The exact sequence is proprietary.

Purification The antibody was purified by immunogen affinity chromatography.

Specificity Recognizes endogenous levels of Annexin A1 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 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)

Gene Symbol ANXA1

Alternative Names ANX1; LPC1; Annexin A1; Annexin I; Annexin-1; Calpactin II; Calpactin-2;

Chromobindin-9; Lipocortin I; Phospholipase A2 inhibitory protein; p35

Entrez Gene 301 (Human); 16952 (Mouse)

SwissProt P04083 (Human); P10107 (Mouse)

Storage/Stability Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid

freeze/thaw cycles.

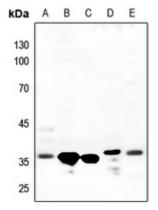
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, 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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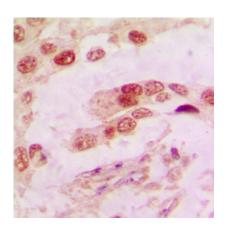
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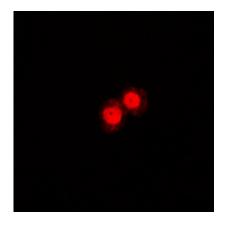
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Western blot analysis of Annexin A1 expression in HEK293T (A), Hela (B), H446 (C), mouse lung (D), rat lung (E) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 35 kD)



Immunohistochemical analysis of Annexin A1 staining in human lung 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.



Immunofluorescent analysis of Annexin A1 staining in NIH3T3 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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