

Product Data Sheet

Anti-Dynamin 1 (Phospho-S774) Antibody

Catalog # Source Reactivity Applications

CPA1347 Rabbit H, M, R, D WB, IH

Description Rabbit polyclonal antibody to Dynamin 1 (Phospho-S774)

Immunogen KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding

S774 of human Dynamin 1 protein. The exact sequence is proprietary.

Purification The antibody was purified by immunogen affinity chromatography.

Specificity Recognizes endogenous levels of Dynamin 1 protein only when phosphorylated at

S774.

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 - 1/100)

Gene Symbol DNM1

Alternative Names DNM; Dynamin-1

Entrez Gene 1759 (Human); 13429 (Mouse); 140694 (Rat)

SwissProt Q05193 (Human); P39053 (Mouse); P21575 (Rat)

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

freeze/thaw cycles.

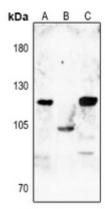
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, 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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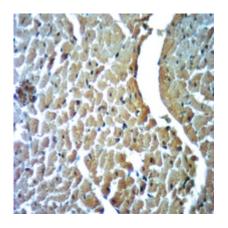
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Western blot analysis of Dynamin 1 (Phospho-S774) expression in mouse brain (A), mouse kidney (B), rat brain (C) whole cell lysates. (Predicted band size: 97 kD; Observed band size: 100; 120 kD)



Immunohistochemical analysis of Dynamin 1 (Phospho-S774) staining in rat brain 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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