

FAR1 polyclonal antibody

Catalog: BS31204

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Fatty acyl-CoA reductase 1: Catalyzes the reduction of saturated and unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols . It plays an essential role in the production of ether lipids/plasmalogens which synthesis requires fatty alcohols . In parallel, it is also required for wax monoesters production since fatty alcohols also constitute a substrate for their synthesis (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~59.4 kDa

Swiss-Prot:

Q8WVX9

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000)

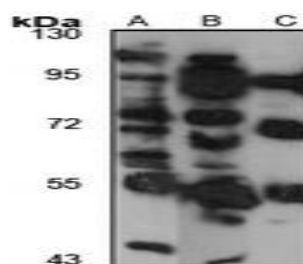
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of FAR1 protein

DATA:



Western blot analysis of FYN (Phospho-Y530) expression in HEK293T (A) whole cell lysates.

Immunohistochemical analysis of FYN (Phospho-Y530) staining in human breast 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 FYN (Phospho-Y530) staining in MCF7 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

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