# PTAR1 polyclonal antibody

Catalog: BS32470 Host: Rabbit Reactivity: Human

## BackGround:

Protein prenyltransferase alpha subunit repeat-containing protein 1: Substrate-recognition subunit of the geranyl-geranyl transferase type 3 (GGTase-3) complex . The GGTase-3 complex geranylgeranylates and targets FBXL2 to the cellular membranes, where FBXL2 forms part of the E3 ubiquitin-protein ligase complex SCF(FBXL2) that mediates the degradation of membrane-anchored proteins . The GGTase-3 complex geranylgeranylates Golgi v-SNARE protein YKT6 at 'Cys-194' and this prenylation is required for Golgi SNARE complex assembly

## Product:

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

## Molecular Weight:

~46.4 kDa

## Swiss-Prot:

Q7Z6K3

## Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

## Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200), FC (1/10 - 1/50)

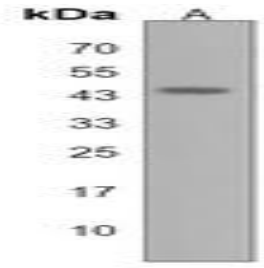
## Storage&Stability:

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

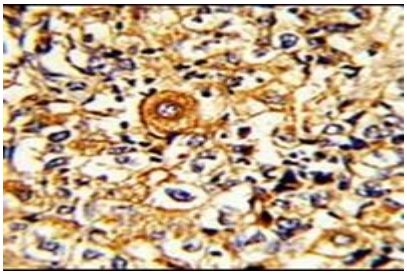
## Specificity:

Recognizes endogenous levels of PTAR1 protein.

## DATA:




Western blot analysis of c-Myc expression in HEK293T (A), K562 (B), THP1 (C) whole cell lysates.



Immunohistochemical analysis of c-Myc staining in human colon 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 c-Myc staining in Hela 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 ℃ in a humidified chamber. Cells were washed with PBST and incubated with an 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).

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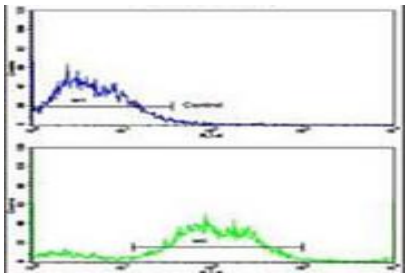

**Note:**

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

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