

## FT $\beta$ (E285) polyclonal antibody

Catalog: BCP00792

Host: Rabbit

Reactivity: Human

### Background:

Mammalian protein farnesyl transferases are heterodimeric proteins containing two nonidentical  $\alpha$  and  $\beta$  subunits that attach farnesyl residues to a cysteine at the fourth position from the COOH terminus of several proteins, including nuclear lamins and p21Ras proteins. The natural substrates contain the Cys-A-A-Xaa recognition sequence, where the A residues are aliphatic and Xaa represents methionine, serine, glutamine or cysteine. The purified farnesyl transferase is an  $\alpha$ - $\beta$  heterodimer. The  $\beta$  subunit, which is known as FT $\beta$ , CAAX farnesyltransferase subunit  $\beta$ , or Ras proteins prenyltransferase subunit  $\beta$ , is a 437 amino acid protein that contains five PFTB repeats and binds the peptide substrate. The  $\alpha$  subunit is suspected to participate in formation of a stable complex with the substrate farnesyl pyrophosphate.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 48 kDa

### Swiss-Prot:

P49356

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

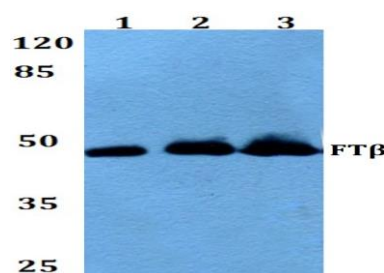
### Storage&Stability:

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

### Specificity:

FT $\beta$  (E285) polyclonal antibody detects endogenous levels of FT $\beta$  protein.

### DATA:



Western blot (WB) analysis of FT $\beta$  (E285) pAb at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

Lane3:MCF-7 whole cell lysate(40ug)

Lane4:SGC7901 whole cell lysate(40ug)

Lane5:L02 whole cell lysate(40ug)

### Note:

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