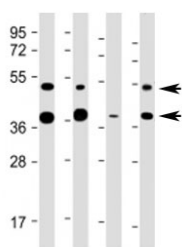


FDPS Antibody (Center Region) [clone 1049CT13.1.4] (F54092)

| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F54092-0.2ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.2 ml |
| F54092-0.05ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.05 ml |

[Bulk quote request](#)

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse |
| Format | Purified |
| Host | Mouse |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG2b, kappa |
| Clone Name | 1049CT13.1.4 |
| Purity | Protein G purified |
| UniProt | P14324 |
| Applications | Western Blot : 1:2000 |
| Limitations | This FDPS antibody is available for research use only. |



Western blot testing of FDPS antibody at 1:2000: Lane 1) human HeLa, 2) (h) HepG2, 3) (h) U-251 MG and 4) mouse liver lysate. Predicted molecular weight ~48 kDa (isoform 1) and ~40 kDa (isoform 2).

Description

Farnesyl diphosphate synthase is a key enzyme in isoprenoid biosynthesis which catalyzes the formation of farnesyl diphosphate (FPP), a precursor for several classes of essential metabolites including sterols, dolichols, carotenoids, and ubiquinones. FPP also serves as substrate for protein farnesylation and geranylgeranylation. Catalyzes the sequential condensation of isopentenyl pyrophosphate with the allylic pyrophosphates, dimethylallyl pyrophosphate, and then with the resultant geranylpyrophosphate to the ultimate product farnesyl pyrophosphate. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the FDPS antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human FDPS was used as the immunogen for the FDPS antibody.

Storage

Aliquot the FDPS antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.