## FDPS Rabbit mAb[XWYS]

### Cat NO. :A52051

## Information:

| Applications | Reactivity: | UniProt ID: | MW(kDa) | Host | Isotype | Size |
|---|---|---|---|---|---|---|
| WB | H | P14324 | 39KDa | Rabbit | IgG | 50ul 100ul,200ul |

## Applications detail：

| Application | Dilution |
|---|---|
| WB | 1:1000-2000 |

**The optimal dilutions should be determined by the end user**

## Conjugate：

UnConjugate

## Form：

Liquid

## sensitivity：

Endogenous

## Purification：

Protein A purification

## Specificity：

Antibody is produced by immunizing animals with a synthetic peptide of human FDPS.

## Storage buffer and conditions：

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol（buffer）.

Shipped at 4℃. Store at-20℃ or -80℃.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

## Tissue specificity：

## Subcellular location:

Cytoplasm.

## Function：

 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.

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/ Immunofluorescence **F:** Flow Cytometry
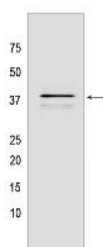
**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

### For Research Use Only. Not For Use In Diagnostic Procedures.

## Validation Data：

### FDPS Rabbit mAb[XWYS]　Images



Western blot（SDS PAGE） analysis of extracts from HepG2 cells.Using FDPS Rabbit mAb IgG [XWYS] at dilution of 1:1000 incubated at 4℃ over night.

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