

## FDPS Polyclonal Antibody

Catalog No. E-AB-19027

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

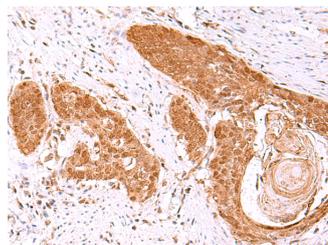
### Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Fusion protein of human FDPS
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4

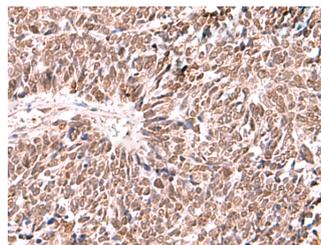
### Applications Recommended Dilution

**IHC** 1:50-1:300

### Data



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using FDPS Polyclonal Antibody at dilution of 1:60(×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using FDPS Polyclonal Antibody at dilution of 1:60(×200)

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

This gene encodes an enzyme that catalyzes the production of geranyl pyrophosphate and farnesyl pyrophosphate from isopentenyl pyrophosphate and dimethylallyl pyrophosphate. The resulting product, farnesyl pyrophosphate, is a key intermediate in cholesterol and sterol biosynthesis, a substrate for protein farnesylation and geranylgeranylation, and a ligand or agonist for certain hormone receptors and growth receptors. Drugs that inhibit this enzyme prevent the post-translational modifications of small GTPases and have been used to treat diseases related to bone resorption. Multiple pseudogenes have been found on chromosomes 1, 7, 14, 15, 21 and X. Multiple transcript variants encoding different isoforms have been found for this gene.

### For Research Use Only