

Recombinant FDPS/Farnesyl Diphosphate Synthase Monoclonal Antibody

catalog number: AN300076P

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

Description

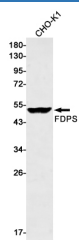
Reactivity	Human
Immunogen	Recombinant Human FDPS / Farnesyl Diphosphate Synthase protein
Host	Rabbit
Isotype	IgG
Clone	A1186
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

WB: 1:1000-1:5000; IHC-P: 1:100-1:200; FC: 1:200-1:1000

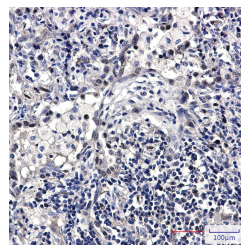
Data



Western blot detection of FDPS in CHO-K1 cell lysates using FDPS antibody(1:500 diluted).

Observed-MW:48 kDa

Calculated-MW:48 kDa



Immunohistochemical analysis of paraffin-embedded human lung cancer .

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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.[provided by RefSeq, Oct 2008]

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