

For Research Use Only

# AGPHD1 Polyclonal antibody

Catalog Number: 26070-1-AP



## Basic Information

**Catalog Number:**

26070-1-AP

**Size:**

150ul, Concentration: 450 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG23420

**GenBank Accession Number:**

BC132753

**GeneID (NCBI):**

123688

**UNIPROT ID:**

A2RU49

**Full Name:**

similar to RIKEN cDNA C630028N24 gene

**Observed MW:**

27-30 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

WB : mouse liver tissue,

## Background Information

AGPHD1 encodes the 5-hydroxy-L-lysine kinase which catalyzes the GTP-dependent phosphorylation of 5-hydroxy-L-lysine. It is primarily present in liver and kidneys, suggesting its major role in degrading 5Hyl derived from food. Its presence at lower levels in other tissues indicates that it participates also in the catabolism of 5Hyl derived from local collagen breakdown.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

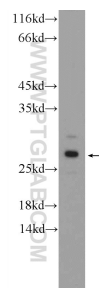
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## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 26070-1-AP (LOC123688 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.