

# OPLAH Rabbit pAb

Catalog No.: A12032 **1 Publications**

## Basic Information

### Observed MW

134kDa

### Calculated MW

137kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

The protein encoded by this gene acts as a homodimer, using ATP hydrolysis to catalyze the conversion of 5-oxo-L-proline to L-glutamate. Defects in this gene are a cause of 5-oxoprolinase deficiency (OPLAHD).

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

26873

### Swiss Prot

O14841

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1119-1288 of human OPLAH (NP\_060040.1).

### Synonyms

OPLA; OPLAHD; 5-Opase; OPLAH

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

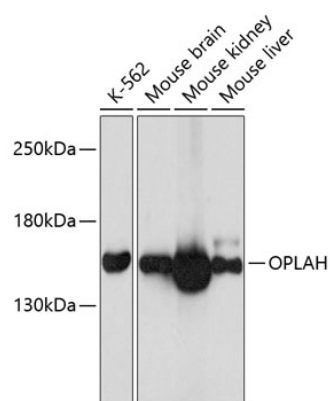
### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using OPLAH Rabbit pAb (A12032) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.