

A4591

Leader in Biomolecular Solutions for Life Science



# DDAH1 Rabbit mAb

Catalog No.: A4591

Recombinant

## Basic Information

### Observed MW

31-37kDa

### Calculated MW

31kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human,Rat

### CloneNo number

ARC1043

## Background

This gene belongs to the dimethylarginine dimethylaminohydrolase (DDAH) gene family. The encoded enzyme plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

23576

### Swiss Prot

O94760

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

DDAH; DDAHI; DDAH-1; HEL-S-16; DDAH1

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

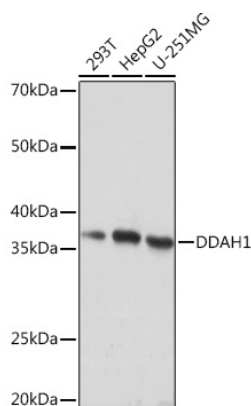
Affinity purification

### Storage

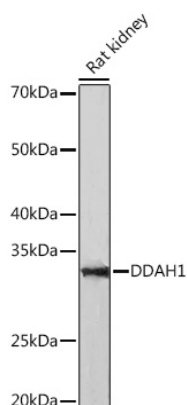
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using DDAH1 Rabbit mAb (A4591) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated 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: 10s.



Western blot analysis of lysates from Rat kidney, using DDAH1 Rabbit mAb (A4591) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated 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 Enhanced Kit (RM00021).  
Exposure time: 3min.