

# ASAH2 Rabbit pAb

Catalog No.: A12596 **1 Publications**

## Basic Information

### Observed MW

85kDa

### Calculated MW

86kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

Ceramidases (EC 3.5.1.23), such as ASAH2, catalyze hydrolysis of the N-acyl linkage of ceramide, a second messenger in a variety of cellular events, to produce sphingosine. Sphingosine exerts both mitogenic and apoptosis-inducing activities, and its phosphorylated form functions as an intra- and intercellular second messenger (see MIM 603730) (Mitsutake et al., 2001 [PubMed 11328816]).

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

56624

### Swiss Prot

Q9NR71

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 80-340 of human ASAH2 (NP\_001137446.1).

### Synonyms

HNAC1; BCDase; LCDase; NCDase; N-CDase; ASAH2

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

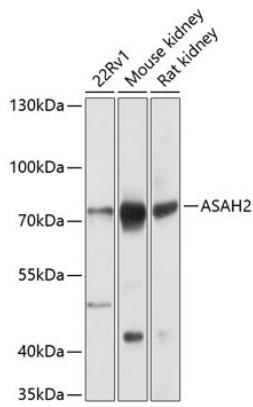
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

---



Western blot analysis of extracts of various cell lines, using ASAH2 antibody (A12596) at 1:1000 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.