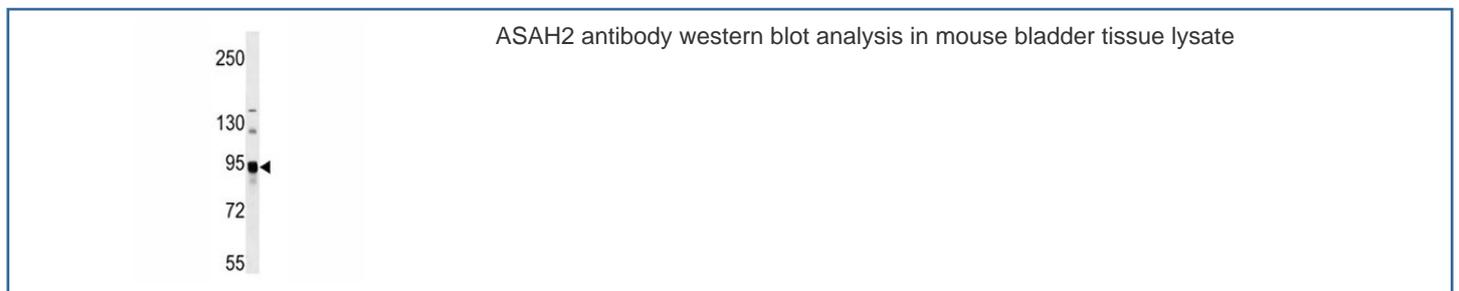


## ASAH2 Antibody (F40044)

Catalog No.	Formulation	Size
F40044-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40044-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9NR71
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This ASAH2 antibody is available for research use only.



### Description

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]).

### Application Notes

Titration of the ASAH2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 734-762 from the human protein was used as the immunogen for this ASAH2 antibody.

## **Storage**

Aliquot the ASAH2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.