

Datasheet for ABIN7074749

anti-ASAH2 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ASAH2
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASAH2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse ASAH2
Purification:	Affinity purification

Target Details

Target:	ASAH2
Alternative Name:	ASAH2 (ASAH2 Products)
Background:	Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid at an optimal pH of 6.5-8.5. Acts as a key regulator of sphingolipid signaling metabolites by generating sphingosine at the cell surface. Acts as a repressor of apoptosis both by reducing C16-ceramide, thereby preventing ceramide-induced apoptosis, and generating sphingosine, a precursor of the antiapoptotic factor sphingosine 1-phosphate. Probably involved in the digestion of dietary sphingolipids in intestine by acting as a key enzyme for the catabolism of dietary sphingolipids

Target Details

and regulating the levels of bioactive sphingolipid metabolites in the intestinal tract.

Gene ID: 54447

UniProt: [Q9JHE3](#)

Application Details

Application Notes: IHC/IF (M) 1:2100-1:4200

Restrictions: For Research Use only

Handling

Format: Liquid

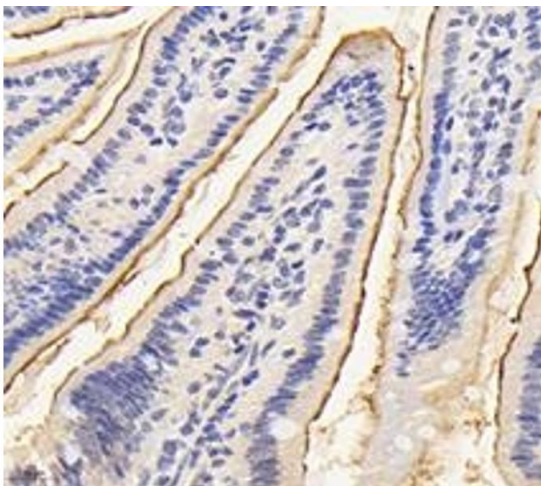
Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffin-embedded mouse small intestine using ASA2 (ABIN7074749) at dilution of 1:4200