

Anti-ASAH2 antibody

Cat. No.	ml221910
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ASAH2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human ASAH2
Reactivity	Human, Mouse, Rat
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ASAH2
Full name	N-acylsphingosine amidohydrolase (non-lysosomal ceramidase) 2

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

Swissprot Q9NR71

Target 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.

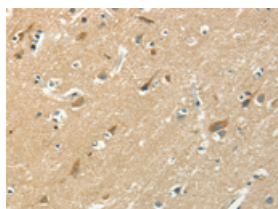
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 25-100

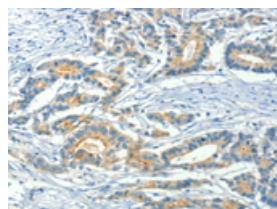


The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml221910(ASAH2 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml221910(ASAH2 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 86 kDa

Positive control: Lovo cells and mouse heart tissue

Recommended dilution: 200-1000

Gel: 10%SDS-PAGE

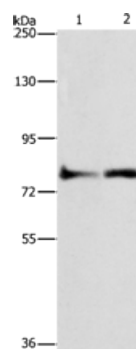
Lysate: 40 μ g

Lane 1-2: Lovo cells, mouse heart tissue

Primary antibody: ml221910(ASAH2 Antibody) at dilution 1/270

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



ELISA

Recommended dilution: 1000-2000

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