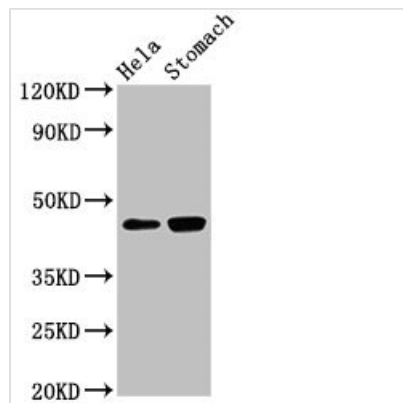




ASAH2 Antibody

Product Code	CSB-PA002170EA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9NR71
Immunogen	Recombinant Human Neutral ceramidase protein (236-487AA)
Raised In	Rabbit
Species Reactivity	Human, Rat
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:100-1:500, IF:1:50-1:500
Relevance	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 and regulating the levels of bioactive sphingolipid metabolites in the intestinal tract.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Neutral ceramidase (N-CDase) (NCDase) (EC 3.5.1.23) (Acylsphingosine deacylase 2) (BCDase) (LCDase) (hCD) (N-acylsphingosine amidohydrolase 2) (Non-lysosomal ceramidase) [Cleaved into: Neutral ceramidase soluble form], ASAH2, HNAC1
Species	Human
Research Area	Others
Target Names	ASAH2
Image	



Western Blot

Positive WB detected in: Hela whole cell lysate,
Rat stomach tissue

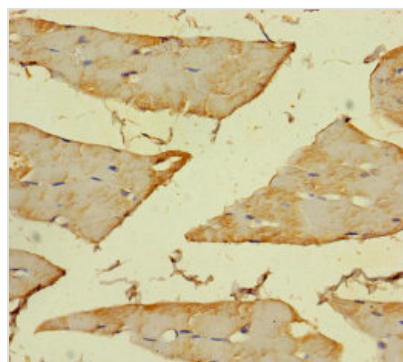
All lanes: ASAH2 antibody at 3μg/ml

Secondary

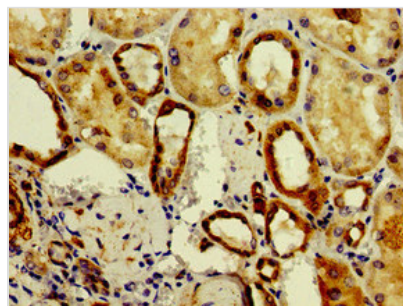
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 86, 82 kDa

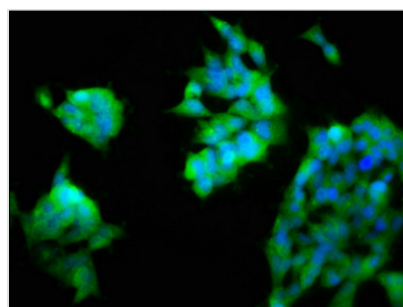
Observed band size: 86 kDa



Immunohistochemistry of paraffin-embedded
human skeletal muscle tissue using CSB-
PA002170EA01HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded
human kidney tissue using CSB-
PA002170EA01HU at dilution of 1:100



Immunofluorescence staining of 293 cells with
CSB-PA002170EA01HU at 1:200, counter-
stained with DAPI. The cells were fixed in 4%
formaldehyde, permeabilized tissue using 0.2%
Triton X-100 and blocked in 10% normal Goat
Serum. The cells were then incubated with the
antibody overnight at 4°C. The secondary
antibody was Alexa Fluor 488-conjugated
AffiniPure Goat Anti-Rabbit IgG (H+L).