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Datasheet for ABIN2782073

anti-NAAA antibody (Middle Region)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	NAAA
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Horse, Pig, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAAA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ASAHL
Sequence:	VSWLIRATLS ESENFEEAVG KLAKTPLIAD VYYIVGGTSP REGVVITRNR
Predicted Reactivity:	Cow: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ASAHL. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NAAA
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Target Details

Alternative Name:	ASAHL (NAAA Products)
Background:	<p>ASAHL is an N-acylethanolamine-hydrolyzing enzyme which is highly similar to acid ceramidase. This gene encodes an N-acylethanolamine-hydrolyzing enzyme which is highly similar to acid ceramidase. Multiple transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: NAAA, PLT, ASAHL</p> <p>Protein Interaction Partner: FBX06, APP,</p> <p>Protein Size: 359</p>
Molecular Weight:	37 kDa
Gene ID:	27163
NCBI Accession:	NM_014435 , NP_055250
UniProt:	Q02083

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 359 AA
Restrictions:	For Research Use only

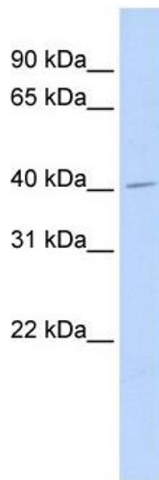
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

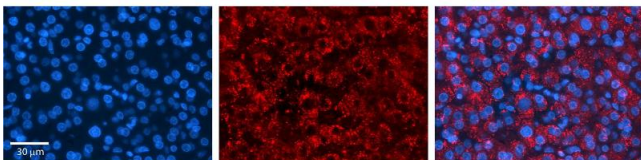
Product cited in: Derebecka-Holysz, Lehmann, Holysz, Trzeciak: "SMAD3 inhibits SF-1-dependent activation of the CYP17 promoter in H295R cells." in: **Molecular and cellular biochemistry**, Vol. 307, Issue 1-2, pp. 65-71, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-ASAHL Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 721_B cell lysate



Immunohistochemistry

Image 2. ASAHL antibody - middle region Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in lysosomes of hepatocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec