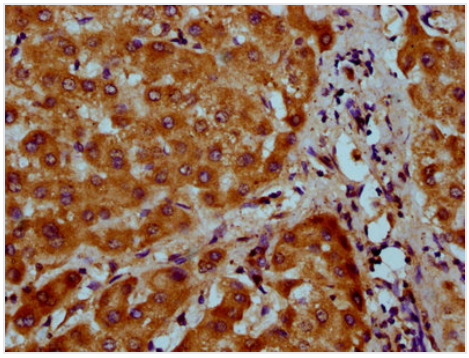
NAAA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NAAA, Polyclonal Antibody
Full Product Name	NAAA Antibody
Product Gene Name	anti-NAAA antibody
Product Synonym Names	N-acylethanolamine-hydrolyzing acid amidase; Acid ceramidase-like protein; N-acylsphingosine amidohydrolase-like; ASAH-like protein; N-acylethanolamine-hydrolyzing acid amidase subunit alpha; N-acylethanolamine-hydrolyzing acid amidase subunit beta; NAAA; ASAHL; PLT
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: NAAA (MBS7109128) HRP Conjugated Antibody: NAAA (MBS7109129)
Matching Pairs	Unconjugated Antibody: NAAA (MBS7109128) FITC Conjugated Antibody: NAAA (MBS7109130)
Matching Pairs	Unconjugated Antibody: NAAA (MBS7109128) Biotin Conjugated Antibody: NAAA (MBS7109131)
Molecular Weight	22,020 Da
OMIM	AB161353 mRNA
3D Structure	ModBase 3D Structure for Q02083
Immunogen	Recombinant Human N-acylethanolamine-hydrolyzing acid amidase protein (29-199AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-NAAA antibody	Metabolism; Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NAAA antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-NAAA antibody	IHC: 1:200-1:500
Related Product Information for anti-NAAA antibody	Degrades bioactive fatty acid amides to their corresponding acids, with the following preference: N-palmitoylethanolamine > N-myristoylethanolamine > N-lauroylethanolamine = N-stearoylethanolamine > N-arachidonoylethanolamine > N-oleoylethanolamine. Also exhibits weak hydrolytic activity against the ceramides N-lauroylsphingosine and N-palmitoylsphingosine.

Other Notes	Small volumes of anti-NAAA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NAAA purchase	MBS7109128 is an antibody targeting NAAA. Also known as NAAA Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-NAAA antibody
IHC image of MBS7109128 diluted at 1:200 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NAAA. It may not necessarily be applicable to this product.

NCBI GI #	109148548
NCBI GeneID	27163
NCBI Accession #	NP_001035861.1
UniProt Primary Accession #	Q02083
UniProt Secondary Accession #	Q5KTF2; Q96EY2; Q9BRA8
UniProt Related Accession #	Q02083
GenBank Nucleotide #	NM_001042402.1
NCBI Official Full Name	N-acylethanolamine-hydrolyzing acid amidase isoform 2
NCBI Official Synonym Full Names	N-acylethanolamine acid amidase
NCBI Official Symbol	NAAA
NCBI Official Synonym Symbols	PLT; ASAHL
UniProt Protein Name	N-acylethanolamine-hydrolyzing acid amidase
UniProt Synonym Protein Names	Acid ceramidase-like protein; N-acylsphingosine amidohydrolase-like; ASAH-like protein
Protein Family	5-nitroanthranilic acid aminohydrolase
UniProt Gene Name	NAAA
UniProt Synonym Gene Names	ASAHL; PLT; ASAH-like protein
NCBI Protein Information	N-acylethanolamine-hydrolyzing acid amidase
NCBI Summary for NAAA	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. [provided by RefSeq, Jul 2008]
Research Articles on NAAA	**1.** Variants a1 and a2 encoded the same full-length NAAA protein.

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