

ACY3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP54206

Specification

ACY3 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Physical State

Q96HD9
Rat
Rabbit
Polyclonal
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human ACY 3

Epitope Specificity 221-319/319

Isotype IgG

Purity

SIMILARITY

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

SUBCELLULAR LOCATION Proclin300 and 50% Glycerol.

Apical cell membrane; Peripheral membrane protein. Cytoplasm.

Note=Predominantly localized in the apical membrane of cells in the S1 segment. In

membrane of cells in the S1 segment. In the proximal straight tubules (S2 and S3 segments) is expressed diffusely

throughout the cytoplasm.
Belongs to the AspA/AstE family.

Aspartoacylase subfamily.

SUBUNIT Homotetramer. Interacts with HCV core

protein.

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

ACY3 belongs to the aspA/astE family. Aspartoacylase subfamily. Catalytic activity:

N-acyl-L-aspartate + H(2)O = a carboxylate + L-aspartate. Plays an important role in deacetylating mercapturic acids in kidney proximal tubules.

ACY3 Polyclonal Antibody - Additional Information

Gene ID 91703

Other Names

N-acyl-aromatic-L-amino acid amidohydrolase (carboxylate-forming), 3.5.1.114, Acylase III, Aminoacylase-3, ACY-3, Aspartoacylase-2, Hepatitis C virus core-binding protein 1, HCBP1, HCV core-binding protein 1, ACY3, ASPA2



Dilution

- IHC-P~~N/A<br \> <span class
 ="dilution_IHC-F">IHC-F~~N/A<br \> <span class
 ="dilution_IF">IF~~1:50~200<br \> E~~N/A
- **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ACY3 Polyclonal Antibody - Protein Information

Name ACY3

Synonyms ASPA2

Function

Plays an important role in deacetylating mercapturic acids in kidney proximal tubules. Also acts on N-acetyl-aromatic amino acids (By similarity).

Cellular Location

Apical cell membrane; Peripheral membrane protein. Cytoplasm Note=Predominantly localized in the apical membrane of cells in the S1 segment. In the proximal straight tubules (S2 and S3 segments) is expressed diffusely throughout the cytoplasm

ACY3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ACY3 Polyclonal Antibody - Images