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ACY3 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8715c

Specification

ACY3 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q96HD9

ACY3 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 91703

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

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8715c was selected from the Center region of human ACY3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ACY3 Antibody (Center) Blocking Peptide - 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

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ACY3 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

ACY3 Antibody (Center) Blocking Peptide - Images

ACY3 Antibody (Center) Blocking Peptide - Background

ACY3 belongs to the aspA/astE family. Aspartoacylase subfamily. Catalytic activity: N-acyl-L-aspartate + H(2)O = a carboxylate + L-aspartate

ACY3 Antibody (Center) Blocking Peptide - References

Chen,Y.R., et.al., J. Gastroenterol. Hepatol. 24 (7), 1300-1304 (2009)Pushkin,A., et.al., Am. J. Physiol., Cell Physiol. 286 (4), C848-C856 (2004)