

Rabbit Anti-ACY3 antibody

SL0728R

Product Name	ACY3
Chinese Name	丙型肝炎病毒核 Binding protein-1 抗体
Alias	AA3; ACY 3; Acy-3; Acylase III; Aminoacylase 3; Aminoacylase III; ASPA2; Aspartoacylase (aminoacylase) 3; Aspartoacylase 2; AW107362; EC 3.5.1.-; EC 3.5.1.15; HCBP1; Hepatitis C virus core binding protein 1; MGC108859; MGC9740; RGD1305394; 0610006H10Rik; ACY3_HUMAN.
Research Area	immunology Bacteria and viruses
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Chicken,) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	35kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human ACY 3: 221-319/319
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	ACY3 belongs to the aspA/astE family. Aspartoacylase subfamily. Catalytic

activity: N-acyl-L-aspartate + H₂O = a carboxylate + L-aspartate. Plays an important role in deacetylating mercapturic acids in kidney proximal tubules.

Function:

Plays an important role in deacetylating mercapturic acids in kidney proximal tubules.

Subunit:

Homotetramer. Interacts with HCV core protein.

Subcellular 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.

Similarity:

Belongs to the AspA/AstE family. Aspartoacylase subfamily.

SWISS:

Q96HD9

Gene ID:

91703

Database links:

[Entrez Gene: 91703](#) Human

[Entrez Gene: 71670](#) Mouse

[SwissProt: Q96HD9](#) Human

[SwissProt: Q91XE4](#) Mouse

[Unigene: 126265](#) Human

[Unigene: 29735](#) Mouse

HCV 核 Binding protein1 主要用于丙肝病毒的研究.