



## Rabbit Anti-ACY3 antibody

SL0728R

<b>Product Name:</b>	ACY3
<b>Chinese Name:</b>	丙型肝炎病毒核Binding protein-1抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	35kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ACY 3:221-319/319
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**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

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

HCV核Binding protein1主要用于丙肝病毒的研究.