

For Research Use Only

HMGR Polyclonal antibody, PBS Only

Catalog Number: 13533-1-PBS

Featured Product



Basic Information

Catalog Number:

13533-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4444

GenBank Accession Number:

BC033692

GeneID (NCBI):

3156

UNIPROT ID:

P04035

Full Name:

3-hydroxy-3-methylglutaryl-Coenzyme A reductase

Calculated MW:

888 aa, 95 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

HMGR(3-hydroxy-3-methylglutaryl-coenzyme A reductase) is also named as HMG-CoA reductase and belongs to the HMG-CoA reductase family. This protein exists as a 97-kDa glycoprotein in the endoplasmic reticulum (ER) and is the rate-determining enzyme of the biosynthesis pathway(PMID:15830340).The ectopic expression of either full-length HMGR or its novel splice variant promotes dysregulation of the MVA pathway. And the ectopic expression of cHMGR-FL(60 kDa) and cHMGR-D13(55 kDa) can be detected in HepG2 cells(PMID:20696928).This protein is also can exist as a oligomer(PMID:20696928).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

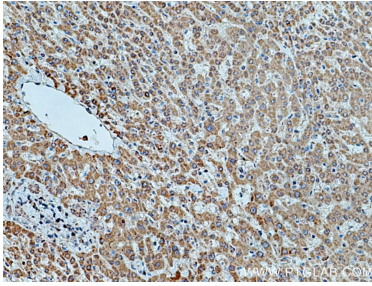
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

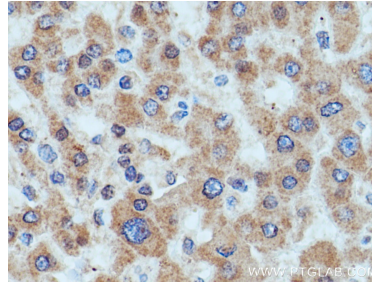
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

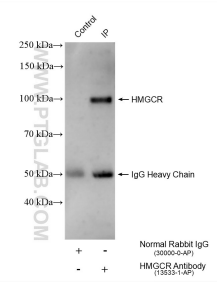
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13533-1-AP (HMGR antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13533-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13533-1-AP (HMGR antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13533-1-PBS in a different storage buffer formulation.



IP result of anti-HMGR (IP:13533-1-AP, 4ug; Detection:13533-1-AP 1:500) with HeLa cells lysate 960 ug. This data was developed using the same antibody clone with 13533-1-PBS in a different storage buffer formulation.