

For Research Use Only

HMGCR Polyclonal antibody, PBS Only

Catalog Number: 13533-1-PBS

Featured Product



Basic Information

Catalog Number:

13533-1-PBS

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

HMGCR(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 HMGCR or its novel splice variant promotes dysregulation of the MVA pathway. And the ectopic expression of cHMGCRL(60 kDa) and cHMGCRLD13(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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

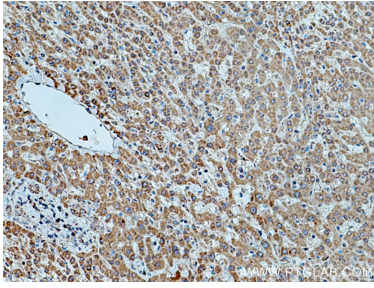
T: 4006900926

E: Proteintech-CN@ptglab.com

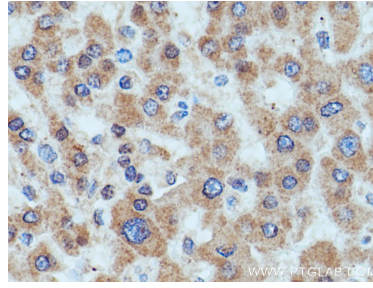
W: ptgcn.com

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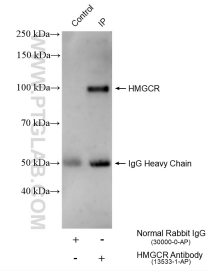
Selected Validation Data



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.