

## HMGR Polyclonal Antibody

Catalog number: 13533-1-AP

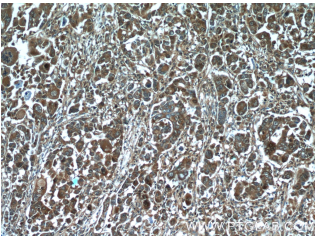
Size: 35 µg/150 µl

Source: Rabbit

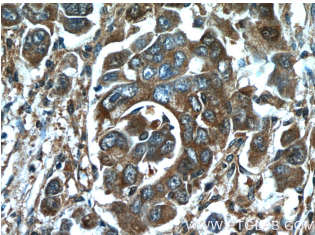
Isotype: IgG

Synonyms:

HMGR; HMG CoA reductase,  
HMGR



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using 13533-1-AP (HMGR Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using 13533-1-AP (HMGR Antibody) at dilution of 1:50 (under 40x lens)

### Background

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).

### Applications

Tested applications:	ELISA, IHC
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated HMGR MW:	888aa,95 kDa
Observed HMGR MW:	
Positive IHC detected in	Human liver cancer tissue, human heart tissue
Recommended dilution:	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4444
GenBank accession number:	BC033692
Gene ID (NCBI):	3156
Full name:	3-hydroxy-3-methylglutaryl-Coenzyme A reductase

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.