

# HMGCR Rabbit mAb

Catalog # AP75556

## Product Information

---

Application	WB, IP
Primary Accession	<a href="#">P04035</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	97476

## Additional Information

---

Gene ID	3156
Other Names	HMGCR
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

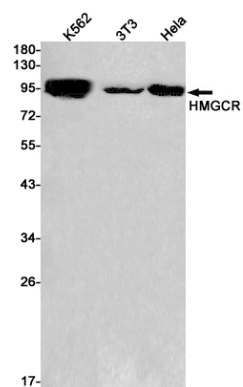
## Protein Information

---

Name	HMGCR ( <a href="#">HGNC:5006</a> )
Function	Catalyzes the conversion of (3S)-hydroxy-3-methylglutaryl-CoA (HMG-CoA) to mevalonic acid, the rate-limiting step in the synthesis of cholesterol and other isoprenoids, thus plays a critical role in cellular cholesterol homeostasis (PubMed: <a href="#">21357570</a> , PubMed: <a href="#">2991281</a> , PubMed: <a href="#">36745799</a> , PubMed: <a href="#">6995544</a> ). HMGCR is the main target of statins, a class of cholesterol-lowering drugs (PubMed: <a href="#">11349148</a> , PubMed: <a href="#">18540668</a> , PubMed: <a href="#">36745799</a> ).
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein {ECO:0000250 UniProtKB:P00347}. Peroxisome membrane; Multi-pass membrane protein {ECO:0000250 UniProtKB:P00347}
Tissue Location	[Isoform 1]: Ubiquitously expressed with the highest levels in the cerebellum, fetal brain, testis, skin and adrenal gland. [Isoform 3]: Low abundance except in skin, esophagus, and uterine cervix.

## Images

---



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.