

HMGCR Rabbit mAb

Catalog # AP75556

Product Information

Application	WB, IP
Primary Accession	P04035
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	97476

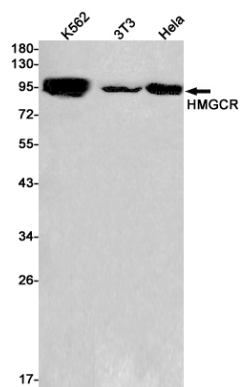
Additional Information

Gene ID	3156
Other Names	HMGCR
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid

Protein Information

Name	HMGCR (HGNC:5006)
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: 21357570 , PubMed: 2991281 , PubMed: 36745799 , PubMed: 6995544). HMGCR is the main target of statins, a class of cholesterol-lowering drugs (PubMed: 11349148 , PubMed: 18540668 , PubMed: 36745799).
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



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