Product Datasheet

3-hydroxy-3 methylglutaryl-coenzyme A reductase Polyclonal Antibody

Catalog No: #42206



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description		
Product Name	3-hydroxy-3 methylglutaryl-coenzyme A reductase Polyclonal Antibody	
Host Species	Rabbit	
Clonality	Polyclonal	
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified	
Applications	WB	
Species Reactivity	Hu	
Specificity	The antibody detects endogenous level of total 3-hydroxy-3 methylglutaryl-coenzyme A reductase polyclonal	
	antibody.	
Immunogen Type	protein	
Immunogen Description	Recombinant human 3-hydroxy-3-methylglutaryl-coenzyme A reductase protein	
Target Name	3-hydroxy-3 methylglutaryl-coenzyme A reductase	
Other Names	HMGCR	
Accession No.	Swiss-Prot#: P04035	
Uniprot	P04035	
GenelD	3156;	
Calculated MW	25kd	
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4	
Storage	Store at -20°C	

Application Details

Western blotting:	1:500 - 1:1000	
Immunohistochem	nistry: 1:20 - 1:200	

Images



All lanes:3-hydroxy-3 methylglutaryl-coenzyme A reductase antibody at 2ug/ml Lane 1:Hela whole cell lysate Lane 2:293T whole cell lysate secondary Goat polyclonal to rabbit at 1/10000 dilution predicted band size :25kDa observed band size :25kDa



Immunohistochemical analysis of paraffin-embedded human placenta using #42206 at dilution of 1:20.

Background

Transmembrane glycoprotein that is the rate-limiting enzyme in cholesterol biosynthesis as well as in the biosynthesis of nonsterol isoprenoids that are essential for normal cell function including ubiquinone and geranylgeranyl proteins.

References

[1] "Human 3-hydroxy-3-methylglutaryl coenzyme A reductase. Conserved domains responsible for catalytic activity and sterol-regulated degradation." Luskey K.L., Stevens B.J. Biol. Chem. 260:10271-10277(1985) [2] "Human HMG-CoA reductase gene."Nakajima

Note: This product is for in vitro research use only