

Product Data Sheet

Anti-HMGCR Antibody

Catalog #	Source	Reactivity	Applications
CQA1064	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to HMGCR		
Immunogen	Recombinant full length protein of human HMGCR		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of HMGCR protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)		
Gene Symbol	HMGCR		
Alternative Names	3-hydroxy-3-methylglutaryl-coenzyme A reductase; HMG-CoA reductase		
Entrez Gene	3156 (Human); 15357 (Mouse); 25675 (Rat)		
SwissProt	P04035 (Human); Q01237 (Mouse); P51639 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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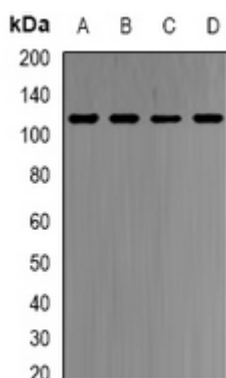
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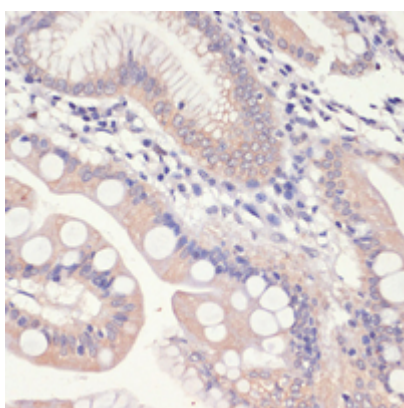
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Western blot analysis of HMGCRC expression in HepG2 (A), Hela (B), mouse spleen (C), rat liver (D) whole cell lysates.
(Predicted band size: 92; 97; 99 kD; Observed band size: 97 kD)



Immunohistochemical analysis of HMGCRC staining in human small intestine formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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