

Product datasheet for **TA377141**

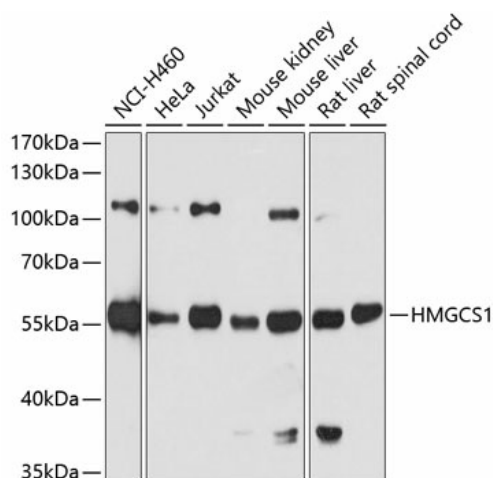
HMGC51 Rabbit Polyclonal Antibody

Product data:

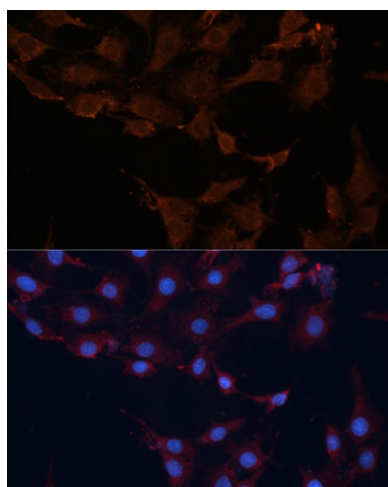
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:1000 - 1:2000 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 241-520 of human HMGC51 (NP_002121.4).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	57kDa
Gene Name:	3-hydroxy-3-methylglutaryl-CoA synthase 1
Database Link:	Entrez Gene 3157 Human Q01581
Background:	Catalyzes the condensation of acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR into mevalonate, a precursor for cholesterol synthesis.
Synonyms:	HMGC5; MGC90332



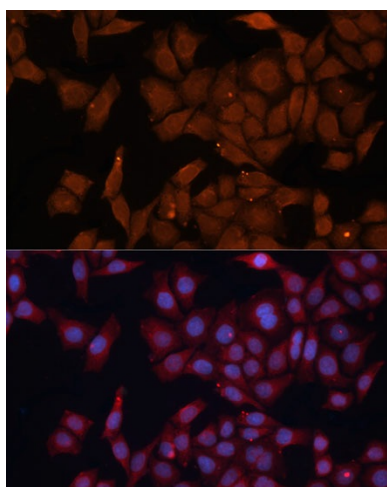
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Product images:


Western blot analysis of extracts of various cell lines, using HMGCS1 antibody (TA377141) at 1:7000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.



Immunofluorescence analysis of C6 cells using HMGCS1 Polyclonal Antibody (TA377141) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using HMGC51 Polyclonal Antibody (TA377141) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.