

**Product Name: DGAT1 Rabbit Monoclonal Antibody****Catalog #: AMRe85503**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 55 kDa; Observed MW: 55 kDa

**Antigen Information**

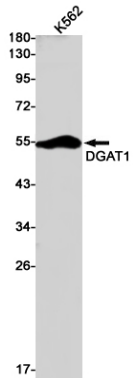
<b>Gene Name</b>	DGAT1
<b>Alternative Names</b>	ARAT; ARGP1; C75990; Dgat; DGAT1; DIAR7; Diglyceride acyltransferase
<b>Gene ID</b>	8694.0
<b>SwissProt ID</b>	O75907
<b>Immunogen</b>	Recombinant protein of human DGAT1

**Background**

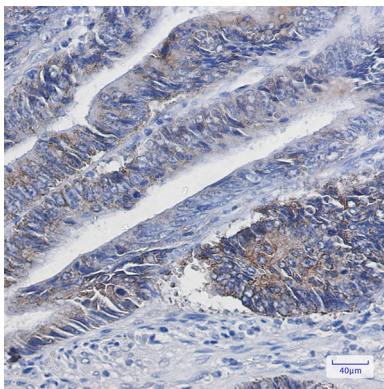
Catalyzes the terminal and only committed step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. In contrast to DGAT2 it is not essential for survival. May be involved in VLDL (very low density lipoprotein) assembly.

## Research Area

### Image Data



Western blot analysis of DGAT1 in K562 lysates using DGAT1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using DGAT1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.