

## Product datasheet for **AP51247PU-N**

### DGAT2 (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> ~1/1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Human DGAT2.
Specificity:	This antibody recognizes Human DGAT2 (N-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	diacylglycerol O-acyltransferase 2
Database Link:	<a href="#">Entrez Gene 84649 Human Q96PD7</a>
Background:	Acyl-CoA:diacylglycerol acyltransferase, or DGAT (EC 2.3.1.20), is responsible for the synthesis of triglycerides. It catalyzes a reaction in which diacylglycerol is covalently joined to long chain fatty acyl-CoAs.
Synonyms:	DGAT-2, Diacylglycerol O-acyltransferase 2, EC=2.3.1.20, Diglyceride acyltransferase 2



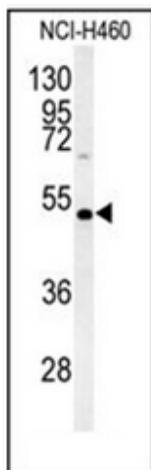
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Note: **Molecular Weight:** 43831 Da

Protein Families: Transmembrane

Protein Pathways: Glycerolipid metabolism, Metabolic pathways, Retinol metabolism

### Product images:



Western blot analysis of DGAT2 Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). DGAT2 (arrow) was detected using the purified Pab.