

DGAT1 Conjugated Antibody

Catalog No: #C37532



Package Size: #C37532-AF350 100ul #C37532-AF405 100ul #C37532-AF488 100ul
 #C37532-AF555 100ul #C37532-AF594 100ul #C37532-AF647 100ul
 #C37532-AF680 100ul #C37532-AF750 100ul #C37532-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	DGAT1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total DGAT1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human diacylglycerol O-acyltransferase 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ARAT; DGAT; ARGP1
Accession No.	Swiss-Prot#:O75907NCBI Gene ID:8694NCBI mRNA#:NCBI Protein#:NP_001933
Uniprot	O75907
GeneID	8694;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	55
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a multipass transmembrane protein that functions as a key metabolic enzyme. The encoded protein catalyzes the conversion of diacylglycerol and fatty acyl CoA to triacylglycerol. This enzyme can also transfer acyl CoA to retinol. Activity of this protein may be associated with obesity and other metabolic diseases

Note: This product is for in vitro research use only