

# Product Datasheet

## DGAT1 Antibody NB100-57085

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NB100-57085****DGAT1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris (pH 7.3), 0.5% BSA

<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	8694
<b>Gene Symbol</b>	DGAT1
<b>Species</b>	Human, Mouse, Rat, Canine
<b>Reactivity Notes</b>	Human, mouse, rat and dog.
<b>Immunogen</b>	Synthetic peptide, CYELNFPRSPRIK, representing the internal region of the human protein according to NP_036211.1
<b>Notes</b>	Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at <a href="mailto:innovators@novusbio.com">innovators@novusbio.com</a> for more details.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3ug/ml, ELISA 1:32000
<b>Application Notes</b>	Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Preliminary experiments gave an approx 100kDa band in human adipose lysates after 0.3ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 55.3kDa according to NP_036211.1. The 100kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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