

# Product Datasheet

## DAGLA Antibody NBP1-20905

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-20905**

DAGLA Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	747
Gene Symbol	DAGLA
Species	Human
Reactivity Notes	This batch is not expected to cross-react with Mouse and Rat in Western blot.
Immunogen	Peptide with sequence C-PAKQDELVISAR corresponding to C-Terminus according to NP_006124.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 125 kDa band observed in human liver lysates (calculated MW of 115 kDa band according to NP_006124.1). Some minor background is detected and is blocked by the immunizing peptide. We call for caution when used for other assays than WB.

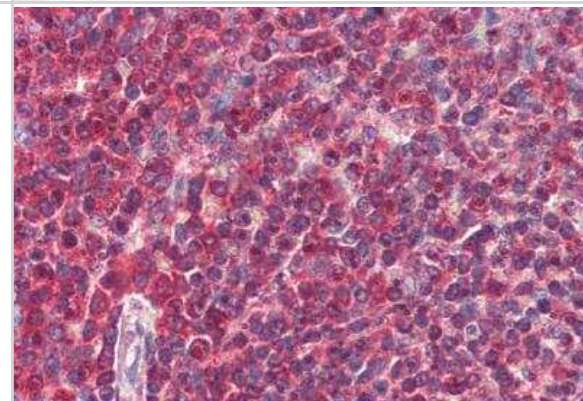


## Images

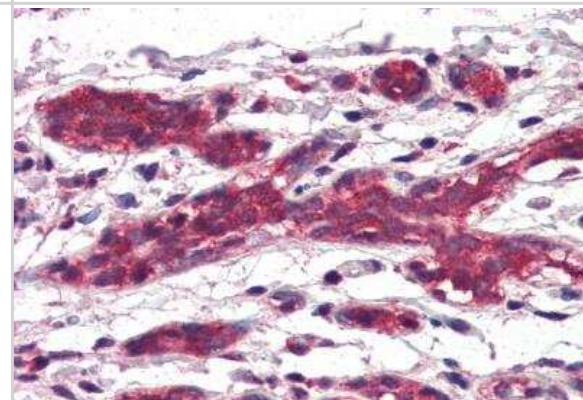
Western Blot: DAGLA Antibody [NBP1-20905] - Staining of Human Liver lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

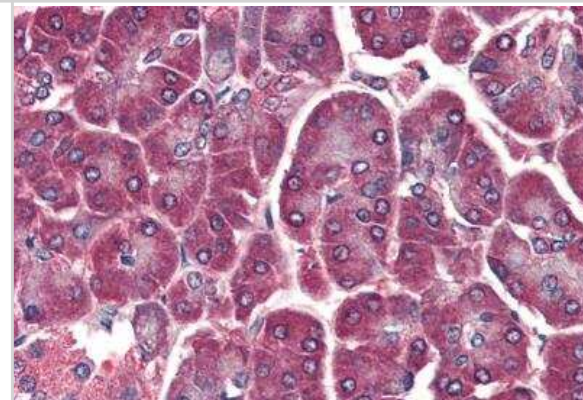
Immunohistochemistry-Paraffin: DAGLA Antibody [NBP1-20905] - Staining of paraffin embedded Human Spleen. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: DAGLA Antibody [NBP1-20905] - Staining of paraffin embedded Human Breast. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: DAGLA Antibody [NBP1-20905] - Staining of paraffin embedded Human Pancreas. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Bisogno T, Howell F, Williams G et al. Cloning of the first sn1-DAG lipases points to the spatial and temporal regulation of endocannabinoid signaling in the brain. *J Cell Biol* 2003-11-10 [PMID: 14610053]



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### **Products Related to NBP1-20905**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-31856PEP	DAGLA Recombinant Protein Antigen

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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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