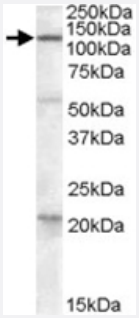
DAGLA polyclonal antibody

Catalog # PAB11515 Size 100 ug

Applications



Western Blot (Tissue lysate)

DAGLA polyclonal antibody (Cat # PAB11515) (0.3 ug/mL) staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DAGLA.
Immunogen	A synthetic peptide corresponding to human DAGLA.
Sequence	C-PAKQDELVISAR
Host	Goat
Theoretical MW (kDa)	115
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:128000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — DAGLA

Entrez GeneID	747
Protein Accession#	NP_006124.1
Gene Name	DAGLA
Gene Alias	C11orf11, DAGL(ALPHA), DAGLALPHA, NSDDR
Gene Description	diacylglycerol lipase, alpha
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	neural stem cell-derived dendrite regulator

Publication Reference

- Simplified assays of lipolysis enzymes for drug discovery and specificity assessment of of known inhibitors.

  Iglesias J, Lamontagne J, Erb H, Gezzar S, Zhao S, Joly E, Truong VL, Skorey K, Crane S, Madiraju SR, Prentki M.

  Journal of Lipid Research 2016 Jan; 57(1):131.

  Application: WB-Ce, Human, 293T cells

- Cloning of the first sn1-DAG lipases points to the spatial and temporal regulation of endocannabinoid signaling in the brain.

  Bisogno T, Howell F, Williams G, Minassi A, Cascio MG, Ligresti A, Matias I, Schiano-Moriello A, Paul P, Williams EJ, Gangadharan U, Hobbs C, Di Marzo V, Doherty P.

  The Journal of Cell Biology 2003 Nov; 163(3):463.

  Application: IHC-P, Mouse, Brain