

Rabbit anti-Human, mouse DAGLB Polyclonal Antibody | anti-DAGLB antibody

DAGLB Antibody (Center)

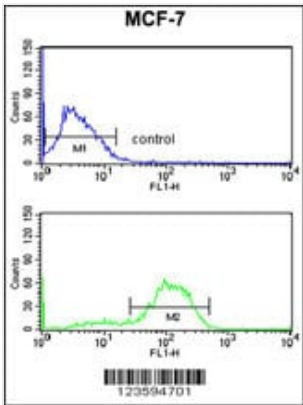
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289615	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

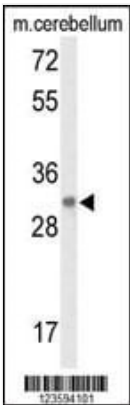
DAGLB; Polyclonal Antibody; DAGLB Antibody (Center); Sn1-specific diacylglycerol lipase beta; DGL-beta; 311-; KCCR13L; anti-DAGLB antibody

PRODUCT SPECIFICATIONS

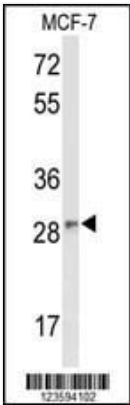
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DAGLB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 491-518 amino acids from the Central region of human DAGLB.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	491-518
Sequence Length	543
Applicable Applications for anti-DAGLB antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
DAGLB Antibody (Center) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of DAGLB Antibody (Center) in mouse cerebellum tissue lysates (35ug/lane). DAGLB (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of DAGLB Antibody (Center) in MCF-7 cell line lysates (35ug/lane). DAGLB (arrow) was detected using the purified Pab;

ADDITIONAL INFORMATION

Related Product Information for anti-DAGLB antibody	Catalyzes the hydrolysis of diacylglycerol (DAG) to 2-arachidonoyl-glycerol (2-AG), the most abundant endocannabinoid in tissues. Required for axonal growth during development and for retrograde synaptic signaling at mature synapses.
Product Categories/Family for anti-DAGLB antibody	Cardiovascular; Metabolism; Signal transduction
References	Ma,J. Atherosclerosis 191 (1), 63-72 (2007) Bisogno,T. J. Cell Biol. 163 (3), 463-468 (2003) Lanfranchi,G. Genome Res. 6 (1), 35-42 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	218931253
NCBI GeneID	221955
NCBI Accession #	NP_001136408.1; NP_631918.3
NCBI GenBank Nucleotide #	NM_001142936.1
UniProt Accession #	Q8NCG7; Q6PIX3; Q8N2N2; Q8N9S1; Q8TED3; Q8WXE6; A4D2P3; B3KV90; B4DQU0
Molecular Weight	73732

NCBI Official Full Name	sn1-specific diacylglycerol lipase beta isoform 2
NCBI Official Synonym Full Names	diacylglycerol lipase, beta
NCBI Official Symbol	DAGLB
NCBI Official Synonym Symbols	KCCR13L; DAGLBETA
NCBI Protein Information	sn1-specific diacylglycerol lipase beta
UniProt Protein Name	Sn1-specific diacylglycerol lipase beta
UniProt Gene Name	DAGLB
UniProt Synonym Gene Names	DGL-beta
UniProt Entry Name	DGLB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/daglb-antibody-flow-cytometry-western-blot-elisa/289615>