

bs-14190R**[Primary Antibody]****DAGLB Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow)
GeneID: 221955	SWISS: Q8NCG7	Predicted MW.: 74 kDa
Target: DAGLB		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human DAGLB: 51-150/672.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: KCCR13L, is a 672 amino acid multi-pass membrane protein that belongs to the AB hydrolase superfamily. DAGL beta uses calcium as a cofactor to catalyze the hydrolysis of diacylglycerol (DAG) to 2-arachidonoyl-glycerol (2-AG), a reaction that is required for axonal growth and for retrograde synaptic signaling at mature synapses. DAGL beta functions at an optimal pH of 7 and its activity is inhibited by p-hydroxy-mercuri-benzoate and HgCl ₂ , but not PMSF. There are three isoforms of DAGL beta that are produced as a result of alternative splicing events.		

— SELECTED CITATIONS —

- **[IF=3.69]** Ji-Sheng Wang. et al. Effect of leech-centipede medicine on improving erectile function in DIED rats via PKC signalling pathway-related molecules. J Ethnopharmacol. 2021 Mar;267:113463 WB ;Rat. 33049347
- **[IF=4.36]** Xiao Li. et al. Mechanism by which Huoxue Tongluo Qiwei Decoction improves the erectile function of rats with diabetic erectile dysfunction. J Ethnopharmacol. 2022 Jan;283:114674 WB ;Rat. 10.1016/j.jep.2021.114674