



GRAMD1B rabbit pAb

货号	BYab-18007
同位型	IgG
应用	WB
种属	Human;Mouse
靶点	GRAMD1B
基因名称	GRAMD1B KIAA1201 UNQ3032/PRO9834
蛋白名称	GRAM domain-containing protein 1B
免疫原	Synthesized peptide derived from human GRAMD1B
特异性	This antibody detects endogenous levels of GRAMD1B at Human, Mouse
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	81kD
功能	Cholesterol transporter that mediates non-vesicular transport of cholesterol from the plasma membrane (PM) to the endoplasmic reticulum (ER) (By similarity). Contains unique domains for binding cholesterol and the PM, thereby serving as a molecular bridge for the transfer of cholesterol from the PM to the ER (By similarity). Plays a crucial role in cholesterol homeostasis in the adrenal gland and has the unique ability to localize to the PM based on the level of membrane cholesterol (By similarity). In lipid-poor conditions localizes to the ER membrane and in response to excess cholesterol in the PM is recruited to the endoplasmic reticulum-plasma membrane contact sites (EPCS) which is mediated by the GRAM domain (By similarity). At the EPCS, the sterol-binding VAST/ASTER domain binds to the cholesterol in the PM and facilitates its transfer from the PM to ER (By similarity).
细胞定位	Endoplasmic reticulum membrane ; Single-pass membrane protein . Cell membrane ; Single-pass membrane protein . In lipid-poor conditions localizes to the ER membrane and in response to excess cholesterol in the PM is recruited to the endoplasmic reticulum-plasma membrane contact sites (EPCS). .
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)

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有关注意事项

Avoid repeated freezing and thawing!

使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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