

产品名称: GDI-1 Rabbit Polyclonal Antibody
产品货号: AP Rab11390



产品概述 (Summary)

产品名称 (Production Name)	GDI-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GD11 GDI1; GDIL; OPHN2; RABGDIA; XAP4; Rab GDP dissociation inhibitor alpha;
别名 (Alternative Names)	Rab GDI alpha; Guanosine diphosphate dissociation inhibitor 1; GDI-1; Oligophrenin-2; Protein XAP-4
基因 ID (Gene ID)	2664.0
蛋白 ID (SwissProt ID)	P31150.The antiserum was produced against synthesized peptide derived from human GDI-1. AA range:394-443

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	50kDa

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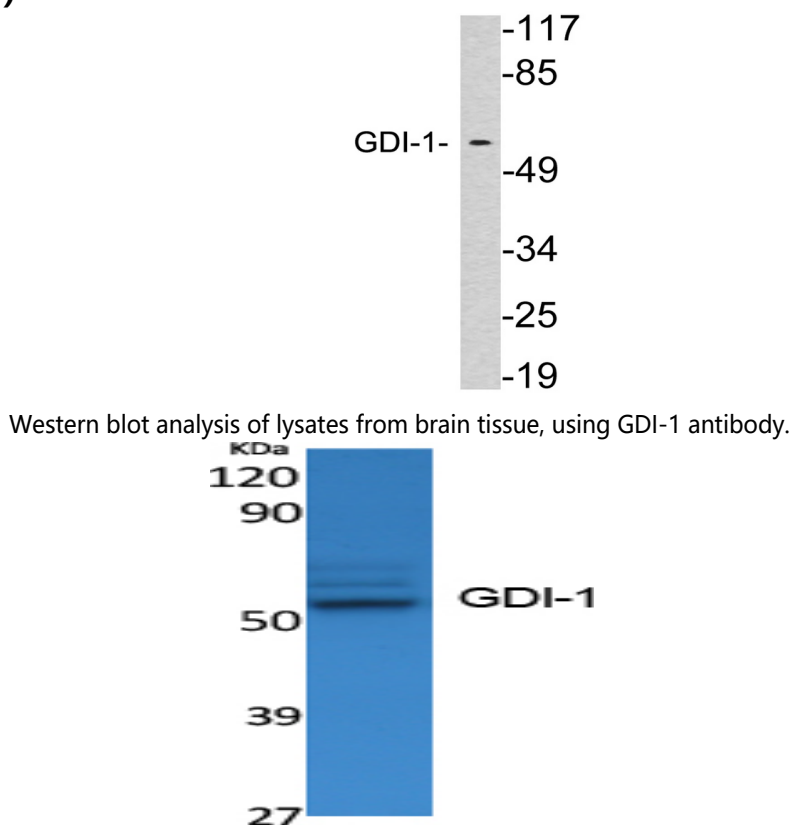


研究背景 (Background)

GDP dissociation inhibitors are proteins that regulate the GDP-GTP exchange reaction of members of the rab family, small GTP-binding proteins of the ras superfamily, that are involved in vesicular trafficking of molecules between cellular organelles. GDIs slow the rate of dissociation of GDP from rab proteins and release GDP from membrane-bound rabs. GDI1 is expressed primarily in neural and sensory tissues. Mutations in GDI1 have been linked to X-linked nonspecific mental retardation. [provided by RefSeq, Jul 2008],disease:Defects in GDI1 are the cause of mental retardation X-linked type 41 (MRX41) [MIM:300104]. Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptive behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs.,disease:Defects in GDI1 are the cause of mental retardation X-linked type 48 (MRX48) [MIM:300104]; also known as MRX3.,function:Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.,similarity:Belongs to the Rab GDI family.,tissue specificity:Brain; predominant in neural and sensory tissues.,

研究领域 (Research Area)

图片 (Image Data)



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Western Blot analysis of extracts from K562 cells, using GDI-1 Polyclonal Antibody.. Secondary antibody was diluted at
1:20000

注意事项 (Note)

For research use only .