

产品名称: Rab 3 GAP p130 Rabbit Polyclonal Antibody
产品货号: AP Rab16749



产品概述 (Summary)

产品名称 (Production Name)	Rab 3 GAP p130 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

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)	RAB3GAP1 RAB3GAP1; KIAA0066; RAB3GAP; Rab3 GTPase-activating protein catalytic subunit; RAB3 GTPase-activating protein 130 kDa subunit; Rab3-GAP p130; Rab3-GAP
别名 (Alternative Names)	
基因 ID (Gene ID)	22930.0
蛋白 ID (SwissProt ID)	Q15042.The antiserum was produced against synthesized peptide derived from human RAB3GAP1. AA range:538-587

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	117kDa

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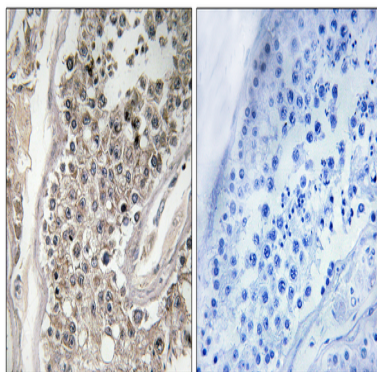


研究背景 (Background)

This gene encodes the catalytic subunit of a Rab GTPase activating protein. The encoded protein forms a heterodimer with a non-catalytic subunit to specifically regulate the activity of members of the Rab3 subfamily of small G proteins. This protein mediates the hydrolysis of GTP bound Rab3 to the GDP bound form. Mutations in this gene are associated with Warburg micro syndrome. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010],disease:Defects in RAB3GAP1 are the cause of Warburg micro syndrome 1 (WARBM1) [MIM:600118]. WARBM1 is a severe autosomal recessive disorder characterized by developmental abnormalities of the eye and central nervous system and by microgenitalia.,function:Probable catalytic subunit of a GTPase activating protein that has specificity for Rab3 subfamily (RAB3A, RAB3B, RAB3C and RAB3D). Rab3 proteins are involved in regulated exocytosis of neurotransmitters and hormones. Specifically converts active Rab3-GTP to the inactive form Rab3-GDP. Required for normal eye and brain development. May participate in neurodevelopmental processes such as proliferation, migration and differentiation before synapse formation, and non-synaptic vesicular release of neurotransmitters.,similarity:Belongs to the Rab3-GAP catalytic subunit family.,subcellular location:In neurons, it is enriched in the synaptic soluble fraction.,subunit:The Rab3 GTPase-activating complex is a heterodimer composed of RAB3GAP and RAB3-GAP150. The Rab3 GTPase-activating complex interacts with DMXL2.,tissue specificity:Ubiquitous.,

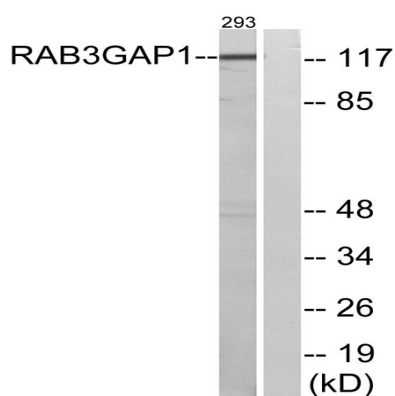
研究领域 (Research Area)

图片 (Image Data)

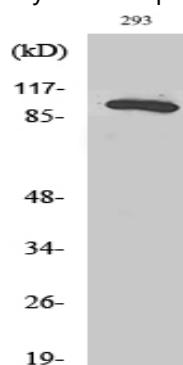


Immunohistochemistry analysis of paraffin-embedded human testis tissue, using RAB3GAP1 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from 293 cells, using RAB3GAP1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Rab 3 GAP p130 Polyclonal Antibody diluted at 1: 2000

注意事项 (Note)

For research use only .