

产品名称: AGS3 Rabbit Polyclonal Antibody
产品货号: APRab06682



产品概述 (Summary)

产品名称 (Production Name)	AGS3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, 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)	GPSM1
别名 (Alternative Names)	GPSM1; AGS3; G-protein-signaling modulator 1; Activator of G-protein signaling 3
基因 ID (Gene ID)	26086.0
蛋白 ID (SwissProt ID)	Q86YR5. Synthesized peptide derived from the Internal region of human AGS3.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

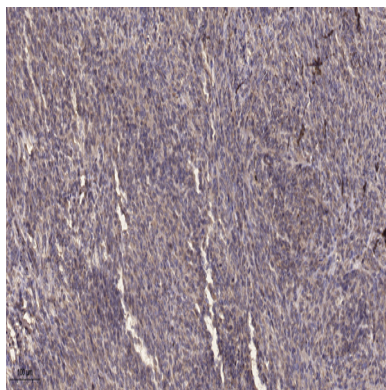
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G-protein signaling modulators (GPSMs) play diverse functional roles through their interaction with G-protein subunits. This gene encodes a receptor-independent activator of G protein signaling, which is one of several factors that influence the basal activity of G-protein signaling systems. The protein contains seven tetratricopeptide repeats in its N-terminal half and four G-protein regulatory (GPR) motifs in its C-terminal half. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011],domain:The GoLoco domains mediate interaction with G(i/o) alpha (By similarity). The GoLoco domains are essential for the GDI activity toward G(i/o) alpha.,function:Guanine nucleotide dissociation inhibitor (GDI) which functions as a receptor-independent activator of heterotrimeric G-protein signaling. Keeps G(i/o) alpha subunit in its GDP-bound form thus uncoupling heterotrimeric G-proteins signaling from G protein-coupled receptors. Controls spindle orientation and asymmetric cell fate of cerebral cortical progenitors. May also be involved in macroautophagy in intestinal cells. May play a role in drug addiction.,PTM:Phosphorylation regulates interaction with G(i/o) alpha.,similarity:Belongs to the GPSM family.,similarity:Contains 4 GoLoco domains.,similarity:Contains 9 TPR repeats.,subunit:Interacts with GNAI1, GNAI2 and GNAI3 preferentially in their GDP-bound state. May also interact with GNAO1. Interacts with STK11/LKB1 and MACF1 (By similarity). Interacts with INSC/inscuteable and FRMPD1.,tissue specificity:Expressed in intestinal cells.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200 (4° overnight) .
2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

注意事项 (Note)

For research use only .