

产品名称: RERG Rabbit Polyclonal Antibody
产品货号: AP Rab17028



产品概述 (Summary)

产品名称 (Production Name)	RERG 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

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)	RERG
别名 (Alternative Names)	RERG; Ras-related and estrogen-regulated growth inhibitor
基因 ID (Gene ID)	85004.0
蛋白 ID (SwissProt ID)	Q96A58.Synthesized peptide derived from RERG . at AA range: 70-150

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)

RERG, a member of the RAS superfamily of GTPases, inhibits cell proliferation and tumor formation (Finlin et al., 2001)

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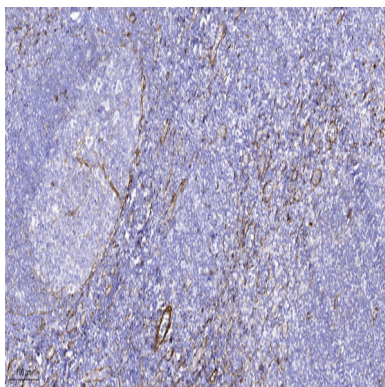


[PubMed 11533059]].[supplied by OMIM, Mar 2009],disease:Loss of RERG expression may contribute to tumorigenesis in breast. RERG expression is decreased or lost in a significant proportion of primary breast tumors with poor clinical prognosis. High expression of RERG correlates with long relapse-free survival times.,function:Binds GDP/GTP and possesses intrinsic GTPase activity. Has higher affinity for GDP than for GTP. In cell lines overexpression leads to a reduction in the rate of proliferation, colony formation and in tumorigenic potential.,induction:Up-regulated by estradiol. Down-regulated by tamoxifen.,similarity:Belongs to the small GTPase superfamily. Ras family.,tissue specificity:Detected in heart, brain, placenta, lung, liver, skin, kidney and pancreas. Detected in estrogen receptor-positive breast-derived cell lines, but not in estrogen receptor-negative cell lines.,

研究领域 (Research Area)

Signal Transduction; Second Messenger; Nucleotide Messenger; GTP; Signaling Pathway; G Protein Signaling; Small G Proteins; Ras Family; Growth Factors/Hormones; Hormones; Cancer; Oncoproteins/suppressors; Tumor suppressors

图片 (Image Data)



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

注意事项 (Note)

For research use only .