

产品名称: TRIO Rabbit Polyclonal Antibody
产品货号: APRab19277



产品概述 (Summary)

产品名称 (Production Name)	TRIO Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC/IF
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, 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)	TRIO
别名 (Alternative Names)	TRIO
基因 ID (Gene ID)	7204.0
蛋白 ID (SwissProt ID)	O75962.Synthesized peptide derived from part region of human protein

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:300, ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	340kDa

研究背景 (Background)

This gene encodes a large protein that functions as a GDP to GTP exchange factor. This protein promotes the reorganization of the actin cytoskeleton, thereby playing a role in cell migration and growth. Alternative splicing results in

产品名称: TRIO Rabbit Polyclonal Antibody
产品货号: AP Rab19277

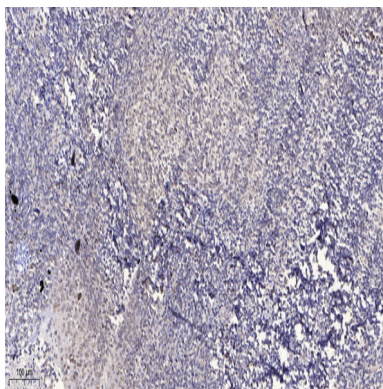


multiple transcript variants. [provided by RefSeq, Dec 2015], catalytic activity: ATP + a protein = ADP + a phosphoprotein., domain: The N-terminal DBL/GEF domain specifically catalyzes nucleotide exchange for RAC1, leading to the activation of Jun kinase and the production of membrane ruffles. The second DBL/GEF domain is an exchange factor for rhoa and induces the formation of stress fibers., function: Promotes the exchange of GDP by GTP. Together with leukocyte antigen-related (LAR) protein, it could play a role in coordinating cell-matrix and cytoskeletal rearrangements necessary for cell migration and cell growth., PTM: Phosphorylated on serine residue(s)., similarity: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family., similarity: Contains 1 CRAL-TRIO domain., similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity: Contains 1 protein kinase domain., similarity: Contains 2 DH (DBL-homology) domains., similarity: Contains 2 PH domains., similarity: Contains 2 SH3 domains., similarity: Contains 4 spectrin repeats., subunit: Interacts to form a complex with leukocyte antigen related protein., tissue specificity: Highly expressed in heart, skeletal muscle, brain, pancreas, placenta, liver, kidney and lung.,

研究领域 (Research Area)

Signal Transduction; Signaling Pathway; G Protein Signaling; Small G Proteins; Regulators; Protein Phosphorylation; Ser / Thr Kinases; Other Kinases

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4° overnight) . 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) .

注意事项 (Note)

For research use only .