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RALGPS2 Rabbit pAb

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Catalog # AP57915

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q86X27
Reactivity	Rat
Predicted	Pig, Dog, Human, Mouse, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65167
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RALGPS2
Epitope Specificity	481-583/583
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBCELLULAR LOCATION	Cell Membrane and Cytoplasmic. Associates with membranes through the PH domain.
DISEASE	RALGPS2 is a potential candidate gene for susceptibility to Alzheimer disease linked to 1q24.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	RalGPS2 (Ral GEF with PH domain and SH3 binding motif 2) is a guanine nucleotide exchange factor for RalA GTPase. It is expressed in testis and brain.

Additional Information

Gene ID	55103
Other Names	Ras-specific guanine nucleotide-releasing factor RalGPS2, Ral GEF with PH domain and SH3-binding motif 2, RalA exchange factor RalGPS2, RALGPS2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

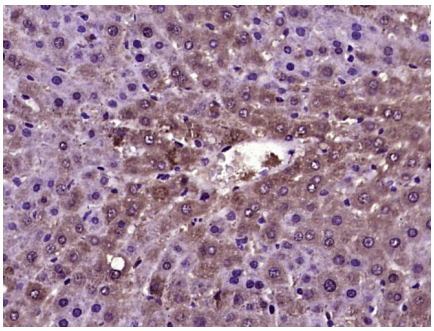
Name	RALGPS2

Function	Guanine nucleotide exchange factor for the small GTPase RALA. May be involved in cytoskeletal organization. May also be involved in the stimulation of transcription in a Ras-independent fashion (By similarity).
Cellular Location	Cytoplasm. Cell membrane. Note=Associates with membranes through the PH domain

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (rat liver tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RALGPS2) Polyclonal Antibody, Unconjugated (AP57915) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.