

Rho guanine exchange factor 16 Rabbit pAb

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Catalog # AP57695

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q5VV41
Reactivity	Mouse
Predicted	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80105
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RHEBL1
Epitope Specificity	151-250/709
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Although the specific function of this protein is not known yet, it is thought to be involved in protein-protein and protein-lipid interactions. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	27237
Other Names	Rho guanine nucleotide exchange factor 16, Ephexin-4, ARHGEF16, EPHEXIN4, NBR
Dilution	WB=1:500-2000,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	ARHGEF16
Synonyms	EPHEXIN4, NBR

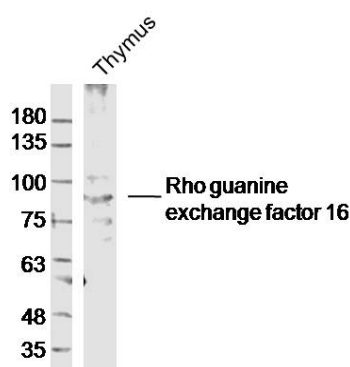
Function Guanyl-nucleotide exchange factor of the RHOG GTPase stimulating the exchange of RHOG-associated GDP for GTP. May play a role in chemotactic cell migration by mediating the activation of RAC1 by EPHA2. May also activate CDC42 and mediate activation of CDC42 by the viral protein HPV16 E6.

Cellular Location Cytoplasm.

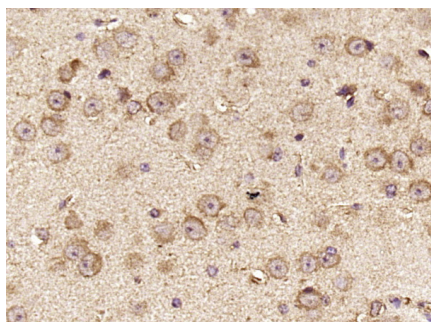
Background

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Images



Sample: Thymus (Mouse) Lysate at 40 ug
Primary: Anti-Rho guanine exchange factor 16 (AP57695) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 80kD
Observed band size: 80kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (Rho guanine exchange factor 16) Polyclonal Antibody, Unconjugated (AP57695) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.

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