

Rho guanine exchange factor 16 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57695**Specification**

Rho guanine exchange factor 16 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q5VV41
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80105

Rho guanine exchange factor 16 Polyclonal Antibody - Additional Information**Gene ID** 27237**Other Names**

Rho guanine nucleotide exchange factor 16, Ephexin-4, ARHGEF16, EPHEXIN4, NBR

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

Rho guanine exchange factor 16 Polyclonal Antibody - 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.

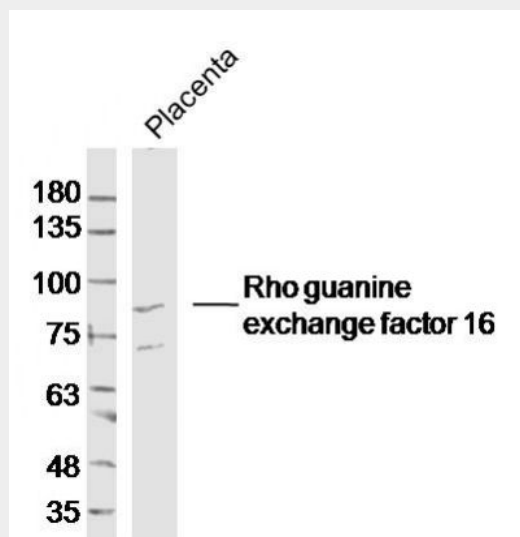
Rho guanine exchange factor 16 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Rho guanine exchange factor 16 Polyclonal Antibody - Images



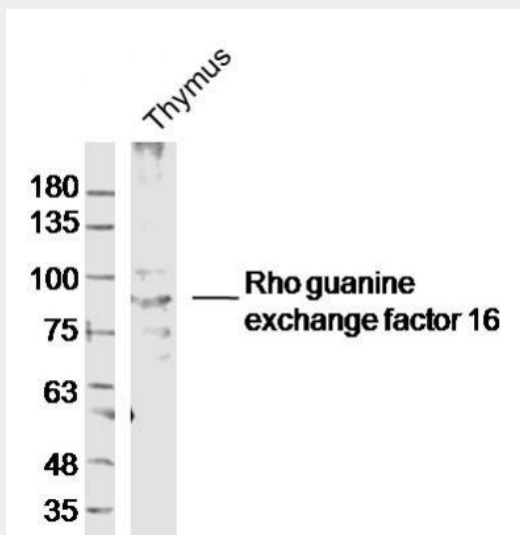
Sample: Placenta (Mouse) Lysate at 40 ug

Primary: Anti-Rho guanine exchange factor 16(bs-19870R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 80kD

Observed band size: 80kD



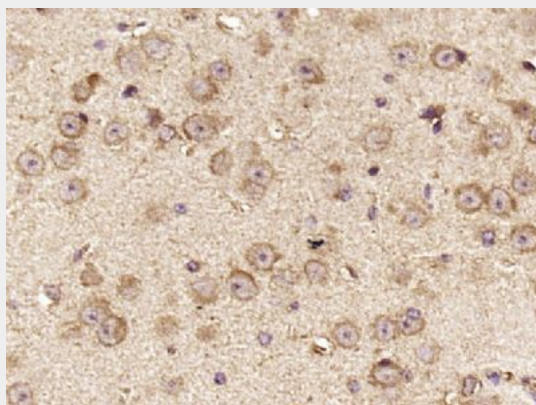
Sample: Thymus (Mouse) Lysate at 40 ug

Primary: Anti-Rho guanine exchange factor 16(bs-19870R) 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 (bs-19870R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.