

Rhophilin rabbit pAb

Cat No.:ES4650

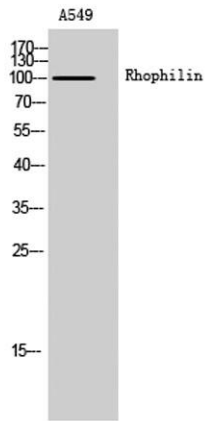
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Overview

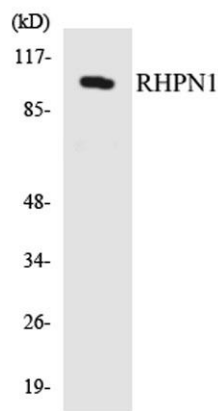
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|--------------------------|--|
| Product Name | Rhophilin rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA;IHC |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human RHPN1. AA range:474-523 |
| Specificity | Rhophilin Polyclonal Antibody detects endogenous levels of Rhophilin protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Rhophilin-1 |
| Gene Name | RHPN1 |
| Cellular localization | cytosol, |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 100kD |
| Human Gene ID | 114822 |
| Human Swiss-Prot Number | Q8TCX5 |
| Alternative Names | RHPN1; KIAA1929; Rhophilin-1; GTP-Rho-binding protein 1 |
| Background | domain:The PDZ domain mediates interaction with ROPN1.,function:Has no enzymatic activity. May serve as a target for Rho, and interact with some cytoskeletal component upon Rho binding or relay a Rho signal to other molecules.,similarity:Belongs to the RHPN family.,similarity:Contains 1 BRO1 domain.,similarity:Contains 1 PDZ (DHR) |



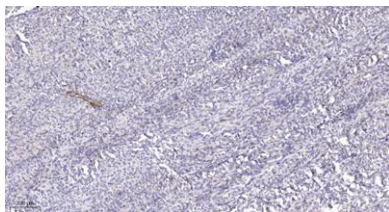
domain.,similarity:Contains 1 REM (Hr1)
repeat.,subunit:Binds specifically to GTP-Rho.
Interacts with ROPN1.,



Western Blot analysis of A549 cells using Rhophilin Polyclonal Antibody



Western blot analysis of the lysates from HepG2 cells using RHPN1 antibody.



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

