

Goat anti-P114-RHO-GEF / ARHGEF18 Antibody

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| Item Number | dAP-0311 |
| Target Molecule | Principle Name: P114-RHO-GEF / ARHGEF18; Official Symbol: ARHGEF18; All Names and Symbols: ARHGEF18; Rho/Rac guanine nucleotide exchange factor (GEF) 18; P114-RHO-GEF; KIAA0521; MGC15913; Rho-specific guanine nucleotide exchange factor p114; P114-RhoGEF; Rho/Rac guanine nucleotide exchange factor 18; Accession Number (s): NP_056133.2; NP_001124427.1; Human Gene ID (s): 23370; Non-Human GeneID(s): |
| Immunogen | SAKEDASKEDVIFF, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_056133.2; NP_001124427.1). |
| Applications | Pep ELISA, WB Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 128000. |
| Western Blot | Western Blot: Approx 140+90kDa band observed in lysates of cell line Daudi and Caco-2 (calculated MW of 114kDa according to NP_056133.2 and 131kDa according to NP_001124427.1). Recommended concentration: 1-3µg/ml. |
| IHC | |
| Reference | Reference(s): Blomquist A, Schworer G, Schablowski H, Psoma A, Lehnen M, Jakobs KH, Rumenapp U. Identification and characterization of a novel Rho-specific guanine nucleotide exchange factor. Biochem J. 2000 Dec 1;352 Pt 2:319-25..PMID: 11085924 -> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**