



Goat anti-GNAQ / ALPHA-q (aa162-175) Antibody

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| Item Number | dAP-2338 |
| Target Molecule | Principle Name: GNAQ / ALPHA-q (aa162-175); Official Symbol: GNAQ; All Names and Symbols: GNAQ; guanine nucleotide binding protein (G protein), q polypeptide; G-ALPHA-q; GAQ; Accession Number (s): NP_002063.2; Human Gene ID(s): 2776; Non-Human GeneID(s): 14682 (mouse) 81666 (rat) |
| Immunogen | NDLDRVADPAYLPT, is from internal region |
| Applications | Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig |
| 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 64000. |
| Western Blot | Western Blot: Approx 40kDa band observed in Human, Mouse and Rat Testis lysates, in Pig Colon and Spleen lysates and in lysates of Human Peripheral Blood Mononucleocytes (calculated MW of 42.1kDa according to Human NP_002063.2 and to Rat NP_112298.1). R |
| IHC | |
| Reference | Reference(s): Ngai J, Inngjerdigen M, Berge T, TaskÅ©n K, Interplay between the heterotrimeric G-protein subunits Galphaq and Galphai2 sets the threshold for chemotaxis and TCR activation. BMC immunology 2009 10 : 27..PMID: 19426503-> |

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**