



Goat anti-Rabenosyn 5 Antibody

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| Item Number | dAP-0504 |
| Target Molecule | Principle Name: Rabenosyn 5; Official Symbol: ZFYVE20; All Names and Symbols: ZFYVE20; Rabenosyn 5; FYVE-finger-containing Rab5 effector protein rabenosyn-5; zinc finger, FYVE domain containing 20; zinc finger, FYVE domain containing 20; FLJ34993; MGC126210; Rabenosyn-5; Accession Number (s): NP_071735.2; Human Gene ID(s): 64145; Non-Human GeneID(s): |
| Immunogen | ELKHTLAKQKGGTD, is from C Terminus |
| 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 64000. |
| Western Blot | Western Blot: Approx 110 kDa band observed in A431, Fibroblast (epidermoid carcinoma) lysates (calculated MW of 88.8 kDa according to NP_071735). Band migration is consistent with literature (PMID 11062261, 15020713). Recommended concentration: 0.3 - 1.5 |
| IHC | |
| Reference | Reference(s): Nielsen E, Christoforidis S, Uttenweiler-Joseph S, Miaczynska M, Dewitte F, Wilm M, Hoflack B, Zerial M. Rabenosyn-5, a novel Rab5 effector, is complexed with hVPS45 and recruited to endosomes through a FYVE finger domain. J Cell Biol. 2000 Oct 30;151(3):601-12..PMID: 11062261 -> |

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**