

## Goat anti-RBP4 Antibody

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| <b>Item Number</b>     | dAP-0965  |
| <b>Target Molecule</b> | Principle Name: RBP4; Official Symbol: RBP4; All Names and Symbols: RBP4; retinol binding protein 4, plasma ; retinol-binding protein 4, interstitial; retinol-binding protein 4, plasma; Accession Number (s): NP_006735.2; Human Gene ID(s): 5950; Non-Human GeneID(s): 19662 (mouse) 25703 (rat)               |
| <b>Immunogen</b>       | QKGNDDHWIVDTDYD, is from internal region  |
| <b>Applications</b>    | Pep ELISA, WB<br>Species Tested: Human  |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.                          |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 64000.  |
| <b>Western Blot</b>    | Western Blot: Approx 22kDa band observed in human liver and skin lysates (calculated MW of 23.0kDa according to NP_006735.2). Recommended concentration: 0.3-1µg/ml.  |
| <b>IHC</b>             |   |
| <b>Reference</b>       | Reference(s): Soares ML, Coelho T, Sousa A, Batalov S, Conceicao I, Sales-Luis ML, Ritchie MD, Williams SM, Nievergelt CM, Schork NJ, Saraiva MJ, Buxbaum JN. Susceptibility and modifier genes in Portuguese transthyretin V30M amyloid polyneuropathy: complexity in a single-gene disease. Hum Mol Genet. 2005 |

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**