

## Goat anti-ZEB2 (aa545-558) Antibody

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|------------------------|---|
| <b>Item Number</b>     | dAP-2347  |
| <b>Target Molecule</b> | Principle Name: ZEB2 (aa545-558); Official Symbol: ZEB2; All Names and Symbols: ZEB2; zinc finger E-box binding homeobox 2; FLJ42816; KIAA0569; SIP-1; SIP1; SMADIP1; ZFH1B; OTTHUMP00000204540; OTTHUMP00000204541; Smad-interacting protein 1; zinc finger E-box-binding homeobox 2; zinc finger homeobox 1b; zinc finger homeobox protein 1; Accession Number (s): NP_055610.1; NP_001165124.1; Human Gene ID(s): 9839; Non-Human GeneID(s): 24136 (mouse) |
| <b>Immunogen</b>       | TDSRRQISNIKKEK, is from internal region<br>This antibody is expected to recognize both reported isoforms (NP_055610.1; NP_001165124.1).   |
| <b>Applications</b>    | Pep ELISA, WB<br><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 32000.  |
| <b>Western Blot</b>    | Western Blot: Approx 100+38kDa bands observed in Human Liver lysates (calculated MW of 136kDa according to NP_055610.1). Recommended concentration: 0.2-0.5µg/ml. We believe the two observed bands represent two breakdown fragments.  |
| <b>IHC</b>             |   |
| <b>Reference</b>       | Reference(s): Kumar PA, Kotlyarevska K, Deikhmaron P, Reddy GR, Lu C, Bhojani MS, Menon RK, Growth hormone (GH)-dependent expression of a natural antisense transcript induces zinc finger E-box-binding homeobox 2 (ZEB2) in the glomerular podocyte: a novel action of gh with implications for the patho-  |

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**