



## Goat anti-Swiprosin 1 / EFHD2 Antibody

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| <b>Item Number</b>     | dAP-0551   |
| <b>Target Molecule</b> | Principle Name: Swiprosin 1 / EFHD2; Official Symbol: EFHD2; All Names and Symbols: EFHD2; MGC4342; EF hand domain containing 2; EF-hand domain family, member D2; RP3-467K16.3; SWS1; EF hand domain family, member D2; swiprosin 1; Accession Number (s): NP_077305.2; Human Gene ID(s): 79180; Non-Human GeneID(s): 27984 (mouse) |
| <b>Immunogen</b>       | CAAFKELQSTFK, is from C Terminus<br>This antibody does not cross-react with Mouse Swiprosin 2. Data kindly provided by Sebastian Duetting and Dirk Mielenz.  |
| <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 128000.  |
| <b>Western Blot</b>    | Western Blot: Approx 30kDa band observed in Human Thymus, Human Lymph node and Human Tonsil lysates (calculated MW of 26.7kDa according to NP_077305.2). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.   |
| <b>IHC</b>             |  |
| <b>Reference</b>       | Reference(s): Vuadens F, Rufer N, Kress A, Corthesy P, Schneider P, Tissot JD. Identification of swiprosin 1 in human lymphocytes. Proteomics. 2004 Aug;4(8):2216-20. .PMID: 15274114 ->   |

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**