

## Goat anti-SFRP4 Antibody

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| Item Number     | dAP-1699  |
| Target Molecule | Principle Name: SFRP4 ; Official Symbol: SFRP4; All Names and Symbols: SFRP4; secreted frizzled-related protein 4; FRP-4; FRPHE; MGC26498; secreted frizzled-related protein 4; Accession Number (s): NP_003005.2; Human Gene ID(s): 6424; Non-Human GeneID(s): 20379 (mouse) 89803 (rat)                 |
| Immunogen       | TNSSCQCPCPHQD, is from internal region  |
| Applications    | Pep ELISA, WB, IHC<br>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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.                  |
| Peptide ELISA   | Peptide ELISA: antibody detection limit dilution 1 to 32000.  |
| Western Blot    | Western Blot: Approx 40kDa band observed in Human Uterus lysates (calculated MW of 39.8kDa according to NP_003005.2). Recommended concentration: 1-3µg/ml.  |
| IHC             | Immunohistochemistry: In paraffin embedded Human Uterus shows granular staining in the apical cytoplasm of the endometrial gland. Recommended concentration, 2-4µg/ml.  |
| Reference       | Reference(s): Linhart HG, Lin H, Yamada Y, Moran E, Steine EJ, Gokhale S, Lo G, Cantu E, Ehrich M, He T, Meissner A, Jaenisch R. Dnmt3b promotes tumorigenesis in vivo by gene-specific de novo methylation and transcriptional silencing. <i>Genes Dev.</i> 2007 Dec 1;21(23):3110-22.. PMID: 18056424-> |

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 end users! This product is sold for **Research Use Only**