

## Goat anti-FZD9 Antibody

<b>Item Number</b>	dAP-1422
<b>Target Molecule</b>	Principle Name: FZD9; Official Symbol: FZD9 ; All Names and Symbols: FZD9 ; frizzled homolog 9 (Drosophila) ; FZD3; frizzled 9; Accession Number (s): NP_003499.1; Human Gene ID(s): 8326; Non-Human GeneID(s):
<b>Immunogen</b>	TKTDPSLENPTH, is from C Terminus
<b>Applications</b>	Pep ELISA, IHC 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. 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: Preliminary experiments in Kidney lysates from Human, Mouse and Rat gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported?
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Testis shows acrosomal staining of spermatids. Recommended concentration, 5-10µg/ml.
<b>Reference</b>	Reference(s): Winn RA, Van Scoyck M, Hammond M, Rodriguez K, Crossno JT Jr, Heasley LE, Nemenoff RA. Antitumorigenic effect of Wnt 7a and Fzd 9 in non-small cell lung cancer cells is mediated through ERK-5-dependent activation of peroxisome proliferator-activated receptor gamma. <i>J Biol Chem.</i> 2006 Sep

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**