

## Goat anti-FZD4 Antibody

<b>Item Number</b>	dAP-3171
<b>Target Molecule</b>	Principle Name: FZD4; Official Symbol: FZD4; All Names and Symbols: FZD4; frizzled homolog 4 (Drosophila); CD344; EVR1; FEVR; FZD4S; Fz-4; FzE4; GPCR; MGC34390; WNT receptor frizzled-4; exudative vitreoretinopathy 1 (autosomal dominant; Criswick-Schepens syndrome); frizzled 4; Accession Number (s): NP_036325.2; Human Gene ID(s): 8322; Non-Human GenelD(s):
<b>Immunogen</b>	KIRSNLQKDGTKT, is from internal region
<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>	
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Kidney shows membrane staining in convoluted tubules. Recommended concentration, 2-4µg/ml.
<b>Reference</b>	Reference(s): Acevedo VD, Gangula RD, Freeman KW, Li R, Zhang Y, Wang F, Ayala GE, Peterson LE, Ittmann M, Spencer DM Inducible FGFR-1 activation leads to irreversible prostate adenocarcinoma and an epithelial-to-mesenchymal transition Cancer Cell. 2007 Dec;12(6):559-71. PMID: 18068632->

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**