

Goat anti-Frizzled 2 Antibody

Item Number	dAP-1504
Target Molecule	Principle Name: Frizzled 2; Official Symbol: FZD2 ; All Names and Symbols: FZD2 ; frizzled homolog 2 (Drosophila) ; frizzled 2; Accession Number (s): NP_001457.1; Human Gene ID(s): 2535; Non-Human GeneID(s): 57265 (mouse) 64512 (rat)
Immunogen	RYATLEHPFHCPR, is from internal region
Applications	Pep ELISA, IHC 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. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Preliminary experiments gave an approx. 23kDa band in Human Colon, Heart and Ovary lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calcul
IHC	Immunohistochemistry: In paraffin embedded Human Thyroid Gland shows cytoplasm and membranous staining in epithelial cells of the follicles. Recommended concentration: 2-5µg/ml. Paraffin embedded Human Liver. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Oishi I, Kawakami Y, Raya A, Callol-Massot C, Izpisua Belmonte JC. Regulation of primary cilia formation and left-right patterning in zebrafish by a noncanonical Wnt signaling mediator, duboraya. Nat Genet. 2006 Nov;38(11):1316-22. Epub 2006 Oct 1..PMID: 17013396 ->

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**