

## Goat anti-IFT88 / Polaris Antibody

<b>Item Number</b>	dAP-0771
<b>Target Molecule</b>	Principle Name: IFT88 / Polaris; Official Symbol: IFT88; All Names and Symbols: IFT88; polaris; TTC10; tetratricopeptide repeat domain 10; HGNC:20606; D13S1056E; DAF19; IFT88; MGC26259; RP11-172H24.2; TG737; hTg737; TPR repeat protein 10; Probe hTg737 (polycystic kidney disease, autosomal recessive); Tg737 protein; intraflagellar tra; Accession Number (s): NP_783195.2; NP_006522.2; Human Gene ID(s): 8100; Non-Human GeneID(s): 21821 (mouse) 305918 (rat)
<b>Immunogen</b>	KKRIDEDDFADEE, is from C Terminus This antibody is expected to recognise both reported isoforms (NP_783195.2; NP_006522.2)
<b>Applications</b>	Pep ELISA, IHC, IF  Species Tested: Human, Mouse
<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 Human Kidney, Liver and Lung lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Kidney shows staining of the brush border in PCT. Recommended concentration: 3µg/ml.
<b>Reference</b>	Reference(s): Vogel G. News focus: Betting on cilia. Science. 2005 Oct 14;310(5746):216-8..PMID: 16223997 ->

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**