

## Goat anti-DMRT2 Antibody

<b>Item Number</b>	dAP-3176
<b>Target Molecule</b>	Principle Name: DMRT2; Official Symbol: DMRT2; All Names and Symbols: DMRT2; doublesex and mab-3 related transcription factor 2; OTTHUMP00000020964; OTTHUMP00000020965; OTTHUMP00000020966; OTTHUMP00000020967; terra-like protein; Accession Number (s): NP_006548.1; NP_870987.2; Human Gene ID(s): 10655; Non-Human GeneID(s): 226049 (mouse) 309430 (rat)
<b>Immunogen</b>	KRPSSAITRVSQ, is from C Terminus This antibody is expected to recognize isoform 2 only (NP_870987.2). Reported variants NP_001124337.1 and NP_006548.1 represent identical protein
<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 8000.
<b>Western Blot</b>	
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Kidney shows nuclear staining primarily in the DCT. Recommended concentration, 2-4µg/ml.
<b>Reference</b>	Reference(s): Seo KW. Dmrt2 and Pax3 double-knockout mice show severe defects in embryonic myogenesis. Comparative medicine 2007 Oct 57 (5): 460-8..PMID: 17974128->

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**