

## Goat anti-SPAG16 Antibody

<b>Item Number</b>	dAP-2002
<b>Target Molecule</b>	Principle Name: SPAG16; Official Symbol: SPAG16; All Names and Symbols: SPAG16; sperm associated antigen 16; DKFZp666P1710; FLJ22724; FLJ37717; MGC87036; PF20; WDR29; WD repeat domain 29; sperm-associated WD repeat protein; Accession Number (s): NP_078808.3; Human Gene ID(s): 79582; Non-Human GeneID(s): 66722 (mouse)
<b>Immunogen</b>	KLHYASYEPTIR, is from internal region This antibody is expected to recognize isoform 1 (NP_078808.3) only.
<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 gave bands at approx 55kDa and 22kDa in Human Testis lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Zhang Z, Zariwala MA, Mahadevan MM, Caballero-Campo P, Shen X, Escudier E, Duriez B, Bridoux AM, Leigh M, Gerton GL, Kennedy M, Amselem S, Knowles MR, Strauss JF, A heterozygous mutation disrupting the SPAG16 gene results in biochemical instability of central apparatus components of

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**