



## Goat anti-TSGA2 Antibody

<b>Item Number</b>	dAP-1426
<b>Target Molecule</b>	Principle Name: TSGA2; Official Symbol: RSPH1 ; All Names and Symbols: TSGA2; RSPH1 ; radial spoke head 1 homolog (Chlamydomonas) ; MGC126568; MGC141927; RSP44; RSPH10A; TSA2; h-meichroacidin; male meiotic metaphase chromosome-associated acidic protein; meichroacidin; testes specific A2 homolog; testes specific gene A2 (mou; Accession Number (s): NP_543136.1; Human Gene ID(s): 89765; Non-Human GeneID(s):
<b>Immunogen</b>	HLNHRYQGKFLNKNP, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: 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 4000.
<b>Western Blot</b>	Western Blot: Approx 37kDa band observed in Mouse Testis lysates (calculated MW of 35.1kDa according to Human NP_543136.1 and 34.2kDa according to Mouse NP_079566.1). Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Shetty J, Klotz KL, Wolkowicz MJ, Flickinger CJ, Herr JC. Radial spoke protein 44 (human meichroacidin) is an axonemal alloantigen of sperm and cilia. Gene. 2007 Jul 1;396(1):93-107. Epub 2007 Mar 23..PMID: 17451891 ->

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**