

## Goat anti-ATF7 Antibody

<b>Item Number</b>	dAP-0005
<b>Target Molecule</b>	Principle Name: ATF7; Official Symbol: ATF7; All Names and Symbols: ATF7; ATFA; activating transcription factor 7; MGC57182; Accession Number (s): NP_001123531.1; NP_006847.1; NP_001123532.1; Human Gene ID(s): 11016; Non-Human GeneID(s):
<b>Immunogen</b>	HVIMTPQSQSAGR, is from C Terminus This antibody is expected to recognise all three reported isoforms (NP_001123531.1, NP_006847.1 and NP_001123532.1).
<b>Applications</b>	Pep ELISA, WB, 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 16000.
<b>Western Blot</b>	Western Blot: Approx 35kDa band seen in HeLa cell lysates. Recommended for use at 0.5-2µg/ml. Please note the band size is in agreement with previous experimental data (J Biol Chem 2001 Apr 27;276(17):13718-26).
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Testis shows staining of select spermatocytes in Human Testis. Recommended concentration, 3-5µg/ml.
<b>Reference</b>	Reference(s): Peters CS, Liang X, Li S, Kannan S, Peng Y, Taub R, Diamond RH. ATF-7, a novel bZIP protein, interacts with the PRL-1 protein-tyrosine phosphatase. J Biol Chem 2001 Apr 27;276(17):13718-26.PMID: 11278933->

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**