

## Goat anti-ATF1 Antibody

Item Number	dAP-3455
Target Molecule	Principle Name: ATF1; Official Symbol: ATF1; All Names and Symbols: ATF1; activating transcription factor 1; EWS-ATF1; FUS/ATF-1; TREB36; cAMP-dependent transcription factor ATF-1; cyclic AMP-dependent transcription factor ATF-1; Accession Number (s): NP_005162.1; Human Gene ID(s): 466; Non-Human GenelD(s):
Immunogen	EDSHKSTTSETAPQ, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 37kDa band observed in nuclear lysates of cell line A431 (calculated MW of 29.2kDa according to NP_005162.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recombinant protein.
IHC	
Reference	Reference(s): Huang GL, Guo HQ, Yang F, Liu OF, Li BB, Liu XY, Lu Y, He ZW. Activating transcription factor 1 is a prognostic marker of colorectal cancer. <i>Asian Pacific journal of cancer prevention : APJCP</i> 2012 13 (3): 1053-7..PMID: 22631637->

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 end users! This product is sold for **Research Use Only**