

Goat anti-ATF6 (aa437-449) Antibody

Item Number	dAP-2863
Target Molecule	Principle Name: ATF6 (aa437-449); Official Symbol: ATF6; All Names and Symbols: ATF6; activating transcription factor 6; ATF6A; cAMP-dependent transcription factor ATF-6 alpha; cyclic AMP-dependent transcription factor ATF-6 alpha; Accession Number (s): NP_031374.2; Human Gene ID(s): 22926; Non-Human GenelD(s): 304962 (rat)
Immunogen	NSYRYDHSVSNDK, is from internal region
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 80kDa band observed in lysates of cell line HeLa (calculated MW of 74.6kDa according to NP_031374.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Sela D, Chen L, Martin-Brown S, Washburn MP, Florens L, Conaway JW, Conaway RC. Endoplasmic reticulum stress-responsive transcription factor ATF6α directs recruitment of the Mediator of RNA polymerase II transcription and multiple histone acetyltransferase complexes. <i>The Journal of biological Chemistry</i> 2005; 280(41):33853-33862.

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**