



Goat anti-ATF2 Antibody

Item Number	dAP-0003
Target Molecule	Principle Name: ATF2; Official Symbol: ATF2; All Names and Symbols: ATF2; activating transcription factor 2; HB16; CREB2; TREB7; CRE-BP1; cAMP responsive element binding protein 2; MGC111558; activating transcription factor 2 splice variant ATF2-var2; cAMP responsive element binding protein 2, formerly; Accession Number (s): NP_001871.2; Human Gene ID(s): 1386; Non-Human GeneID(s): 81647 (rat)
Immunogen	IVMAPSSQSQPSGS, is from C 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 32000.
Western Blot	Western Blot: Approx 55kDa and 30kDa bands observed in lysates of Human Placenta. These bands correspond to earlier findings in literature (Bailey et al , J Clin Endocrinol Metab. 2002 Apr;87(4):1717-28.; PMID: 11932306). Approx 75kDa observed in nuclear
IHC	
Reference	Reference(s): Monzen K, Hiroi Y, Kudoh S, Akazawa H, Oka T, Takimoto E, Hayashi D, Hosoda T, Kawabata M, Miyazono K, Ishii S, Yazaki Y, Nagai R, Komuro I. Smads, TAK1, and their common target ATF-2 play a critical role in cardiomyocyte differentiation. J Cell Biol 2001 May 14;153(4):687-98.PMID: 11352931-

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**