

## Goat anti-CREB3 (aa76-87) Antibody

Item Number	dAP-2931
Target Molecule	Principle Name: CREB3 (aa76-87); Official Symbol: CREB3; All Names and Symbols: CREB3; cAMP responsive element binding protein 3; LUMAN; LZIP; CREB-3; basic leucine zipper protein; cAMP-responsive element-binding protein 3; cyclic AMP response element (CRE)-binding protein/activating transcription factor 1; cyclic AMP-responsive elem; Accession Number (s): NP_006359.3; Human Gene ID(s): 10488; Non-Human GeneID(s):
Immunogen	HHDHTYSLPRET, 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 128000.
Western Blot	Western Blot: Approx 45kDa band observed in lysates of cell line HepG2 (calculated MW of 41.4kDa according to NP_006359.3). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Kim HC, Choi KC, Choi HK, Kang HB, Kim MJ, Lee YH, Lee OH, Lee J, Kim YJ, Jun W, Jeong JW, Yoon HG. HDAC3 selectively represses CREB3-mediated transcription and migration of metastatic breast cancer cells. <i>Cellular and molecular life sciences</i> : CMLS 2010 Oct 67 (20): 3499-510..PMID: 20900312

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**