

Goat anti-RE1-silencing transcription factor Antibody

Item Number	dAP-3255
Target Molecule	Principle Name: RE1-silencing transcription factor; Official Symbol: REST; All Names and Symbols: REST; RE1-silencing transcription factor; NRSF; XBR; RE1-silencing transcription factor variant E1a/E2/E3/E4c; RE1-silencing transcription factor variant E1a/E2/E3/E5; RE1-silencing transcription factor variant E1a/E2/E3/N3a/E4i; RE1-silencing transcripti; Accession Number (s): NP_005603.3; Human Gene ID(s): 5978; Non-Human GeneID(s):
Immunogen	PETPGAEDKGKSSK, is from internal region Reported variants represent identical protein: NP_001180437.1, NP_005603.3
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 64000.
Western Blot	Western Blot: Approx 140kDa band observed in nuclear lysates of cell lines HEK293 and HeLa (calculated MW of 122kDa according to NP_005603.3). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial s
IHC	
Reference	Reference(s): Lu T, Aron L, Zullo J, Pan Y, Kim H, Chen Y, Yang TH, Kim HM, Drake D, Liu XS, Bennett DA, Colaiácovo MP, Yankner BA. REST and stress resistance in ageing and Alzheimer's disease. Nature 2014 Mar 507 (7493): 448-54..PMID: 24670762->

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**