



Goat anti-EXOG Antibody

Item Number	dAP-3273
Target Molecule	Principle Name: EXOG; Official Symbol: EXOG; All Names and Symbols: EXOG; endo/exonuclease (5'-3'), endonuclease G-like; ENDOGL1; ENDOGL2; ENGL; ENGL-a; ENGL-b; ENGLA; ENGLB; endo G-like 1; endonuclease G-like 1; endonuclease G-like 2; nuclease EXOG, mitochondrial; Accession Number (s): NP_005098.2; NP_001138936.1; Human Gene ID(s): 9941; Non-Human GeneID(s):
Immunogen	KAKEQSGTQIRKP, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_005098.2; NP_001138936.1).
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 40kDa band observed in lysates of cell lines HepG2 and Jurkat (calculated MW of 41.1kDa according to NP_005098.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Tann AW, Boldogh I, Meiss G, Qian W, Van Houten B, Mitra S, Szczesny B. Apoptosis induced by persistent single-strand breaks in mitochondrial genome: critical role of EXOG (5'-EXO/endonuclease) in their repair. The Journal of biological chemistry 2011 Sep 28; 286(37): 31975-83. PMID:

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**