

## Goat anti-GNL3 Antibody

Item Number	dAP-3252
Target Molecule	Principle Name: GNL3; Official Symbol: GNL3; All Names and Symbols: GNL3; guanine nucleotide binding protein-like 3 (nucleolar); C77032; E2IG3; NNP47; NS; E2-induced gene 3 protein; estradiol-induced nucleotide binding protein; guanine nucleotide-binding protein-like 3; novel nucleolar protein 47; nucleolar GTP-binding pr; Accession Number (s): NP_055181.3; NP_996561.1; Human Gene ID(s): 26354; Non-Human GenelD(s):
Immunogen	EKNNAQSIRAIKGPH, is from internal region This antibody is expected to recognize both reported isoforms (NP_055181.3; NP_996561.1). Reported variants represent identical protein: NP_996561.1, NP_996562.1.
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 65+75kDa bands observed in nuclear lysates of cell lines HeLa, HepG2 and K562 (calculated MW of 62.0kDa according to NP_055181.3). The observed 75kDa band likely represents the acetylated form. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Yoshida R, Fujimoto T, Kudoh S, Nagata M, Nakayama H, Shinohara M, Ito T. Nucleostemin affects the proliferation but not differentiation of oral squamous cell carcinoma cells. <i>Cancer science</i> 2011 Jul 102 (7): 1418-23..PMID: 21443540->

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**