

## Goat anti-GNL3 Antibody

<b>Item Number</b>	dAP-3252
<b>Target Molecule</b>	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 GeneID(s):
<b>Immunogen</b>	EKNNAQSIKRAIKGPH, 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.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. Cancer science 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 ender users! This product is sold for **Research Use Only**