

## Goat anti-Pro-EGF Antibody

<b>Item Number</b>	dAP-3100
<b>Target Molecule</b>	Principle Name: Pro-EGF; Official Symbol: EGF; All Names and Symbols: EGF; epidermal growth factor; HOMG4; URG; OTTHUMP00000162922; OTTHUMP00000219721; OTTHUMP00000219722; beta-urogastrone; pro-epidermal growth factor; Accession Number (s): NP_001954.2; NP_001171601.1; NP_001171602.1; Human Gene ID(s): 1950; Non-Human GeneID(s):
<b>Immunogen</b>	SRQERVCNIEKNVS, is from internal region (near the N terminus) This antibody is expected to recognize all reported isoforms (NP_001954.2; NP_001171601.1; NP_001171602.1), but not the mature form. The immunizing peptide represents part of the extracellular
<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 160kDa double band observed in Human Prostate lysates (calculated MW of 134kDa according to NP_001954.2). The two bands represent glycosylated forms of the mature protein. Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Araújo AP, Costa BM, Pinto-Correia AL, Fragoso M, Ferreira P, Dinis-Ribeiro M, Costa S, Reis RM, Medeiros R. Association between EGF +61A/G polymorphism and gastric cancer in Caucasians. World J Gastroenterol. 2011 Jan 28;17(4):488-92..PMID: 21274378->

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**