

Product datasheet for **AP05268PU-N**

EGF Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	E(capture)
Recommended Dilution:	ELISA
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Purified recombinant human EGF
Specificity:	This antibody recognizes both native and recombinant EGF.
Formulation:	phosphate buffered saline, pH 7.4 containing 0.09% Sodium Azide as preservative.
Concentration:	lot specific
Purification:	Liquid purified Ig fraction Purified
Conjugation:	Unconjugated
Storage:	The antibody can be shipped at ambient temperature. Store (in aliquots) at -20°C only. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Predicted Protein Size:	131.6 kDa
Gene Name:	epidermal growth factor
Database Link:	NP_001954 Entrez Gene 1950 Human P01133
Background:	Epidermal growth factor has a profound effect on the differentiation of specific cells in vivo and is a potent mitogenic factor for a variety of cultured cells of both ectodermal and mesodermal origin. The EGF precursor is believed to exist as a membrane-bound molecule which is proteolytically cleaved to generate the 53-amino acid peptide hormone that stimulates cells to divide.



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Synonyms:	beta-urogastrone; HOMG4; URG
Protein Families:	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transmembrane
Protein Pathways:	Bladder cancer, Cytokine-cytokine receptor interaction, Endocytosis, Endometrial cancer, ErbB signaling pathway, Focal adhesion, Gap junction, Glioma, MAPK signaling pathway, Melanoma, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Prostate cancer, Regulation of actin cytoskeleton