

Goat EGF Polyclonal Antibody | anti-EGF antibody

Anti-EGF Antibody (aa106-119)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162299	Goat	HumanPredicted: Rabbit, Monkey	Western Blot, Immunohistochemistry, ELISA

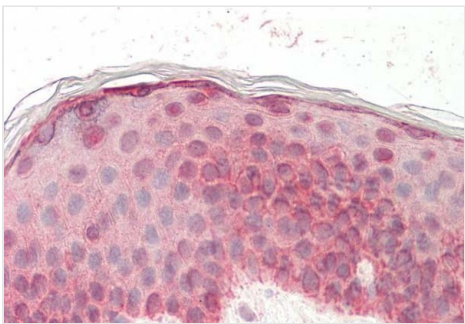
PRODUCT SYNONYMS

EGF; Polyclonal Antibody; Anti-EGF Antibody (aa106-119); Rabbit Polyclonal to Human EGF; Beta-urogastrone; HOMG4; URG; Epidermal growth factor; Pro-epidermal growth factor; anti-EGF antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Predicted: Rabbit, Monkey
Clonality	Polyclonal
Specificity	Human EGF. 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 domain.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Sequence Length	1207
Applicable Applications for anti-EGF antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide SRQERVCNIEKNVS from an internal region (near the N-terminus) of human EGF (NP_001954.2; NP_001171601.1; NP_001171602.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Rabbit (100%); Ferret (93%); Bat, Guinea pig (86%); Rat (57%).
Conjugation	Unconjugated
Epitope	aa106-119
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

WB (Western Blot)
EGF antibody (1 ug/ml) staining of Human Prostate lysate (35 ug protein in RIPA buffer).
Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-EGF antibody

EGF is a member of the epidermal growth factor superfamily. the encoded protein is synthesized as a large precursor molecule that is proteolytically cleaved to generate the 53-amino acid epidermal growth factor peptide. This protein acts as a potent mitogenic factor that plays an important role in the growth, proliferation and differentiation of numerous cell types. This protein acts by binding the high affinity cell surface receptor, epidermal growth factor receptor.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362728
NCBI GeneID	1950
NCBI Accession #	NP_001954.2
NCBI GenBank Nucleotide #	NM_001963.5
UniProt Accession #	P01133; Q52LZ6; B4DRK7; E7EVD2; E9PBF0
Molecular Weight	129,746 Da
NCBI Official Full Name	pro-epidermal growth factor isoform 1 preproprotein
NCBI Official Synonym Full Names	epidermal growth factor
NCBI Official Symbol	EGF
NCBI Official Synonym Symbols	URG; HOMG4
NCBI Protein Information	pro-epidermal growth factor
UniProt Protein Name	Pro-epidermal growth factor
UniProt Gene Name	EGF
UniProt Synonym Gene Names	EGF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.