

Rabbit EGF Polyclonal Antibody | anti-EGF antibody

RABBIT ANTI HUMAN EGF

CATALOG #	HOST	APPLICATIONS
AAA49963	Rabbit	Western Blot, Immunohistochemistry, Functional Assay, ELISA

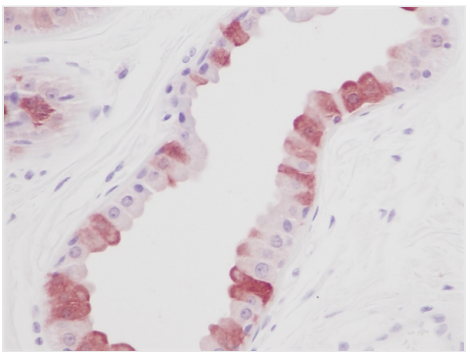
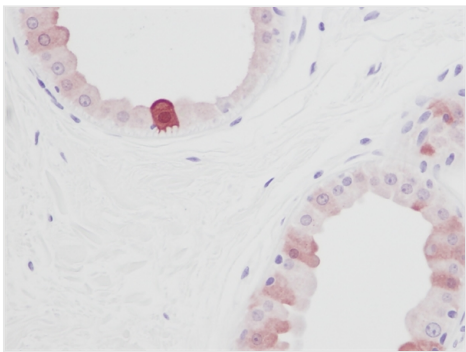
PRODUCT SYNONYMS

EGF; Polyclonal Antibody; RABBIT ANTI HUMAN EGF; anti-EGF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0mg/ml after reconstitution (varies by lot)
Sequence Length	1166
Applicable Applications for anti-EGF antibody	WB (Western Blot), IHC (Immunohistochemistry), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add azide. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution.
Immunogen	Recombinant human EGF. Histology Positive Control Tissue
Antiserum Preparation	Antisera to human EGF were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data
Staining of formalin fixed, paraffin embedded normal human skin with Rabbit anti Human EGF (AAA49963) following enzyme mediated antigen retrieval using proteinase K

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ADDITIONAL INFORMATION

Related Product Information for anti-EGF antibody	Rabbit anti human EGF recognizes human Epidermal Growth Factor, a potent stimulator and regulator of the proliferation of epidermal and epithelial cells, which is expressed by a variety of cells.. The effects of EGF are initiated through tyrosine kinase activity, following the binding of EGF to the extracellular domain of the 170kDa EGF receptor (EGFR), which also binds other EGF-like ligands with high affinity, including TGF-a, VGF (vaccinia virus growth factor) and Betacellulin, produced by certain tumour cells. Receptor activation through EGF binding triggers several signal transduction pathways, including the JAK/STAT and P13K/AKT pathways.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296011013
NCBI GeneID	1950
NCBI Accession #	NP_001171601.1
NCBI GenBank Nucleotide #	NM_001178130.1
UniProt Accession #	P01133; Q52LZ6; B4DRK7; E7EVD2; E9PBF0
Molecular Weight	129,746 Da
NCBI Official Full Name	pro-epidermal growth factor isoform 2 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; beta-urogastrone
UniProt Protein Name	Pro-epidermal growth factor
UniProt Gene Name	EGF
UniProt Synonym Gene Names	EGF
UniProt Entry Name	EGF_HUMAN

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.