

Rabbit anti-Human EGF R Polyclonal Antibody | anti-EGFR antibody

EGF R antibody

CATALOG # AAA50452	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

EGF R; Polyclonal Antibody; EGF R antibody; RABBIT ANTI EGF RECEPTOR; anti-EGFR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Rabbit polyclonal antibody purified by affinity chromatography on immunogen
Form/Format	Purified IgG - liquid TRIS-citrate/Phosphate buffered saline 0.09% Sodium Azide, <50% Glycerol
Concentration	IgG concentration 0.5mg/ml (varies by lot)
Applicable Applications for anti-EGFR antibody	WB (Western Blot)
Immunogen	Synthetic peptide of human EGF R
Preparation and Storage	Store undiluted at -20 degree C, avoiding repeated freeze thaw cycles 12 months from date of despatch.

IMAGES



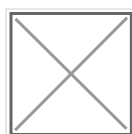
Application Data

Normalized signal intensity of EGF receptor from CRISPR knockout and wild type lysates. Signal intensity was normalized to the tubulin signal.



WB (Western Blot)

Western blot analysis of EGF receptor KO CRISPR knockout HeLa (EGF Receptor KO) and wild type HeLa (WT) whole cell lysates probed with (A) Rabbit anti EGF receptor antibody (AAA50452) followed by detection with HRP conjugated Goat anti Rabbit IgG (H/L) (1/10,000) and (B) hFAB rhodamine anti-tubulin primary antibody (12004166) and visualized on the ChemiDoc MP with a (A) 342 second and (B) 30 second exposure.



WB (Western Blot)

Western blot analysis of whole cell lysates probed with EGF receptor antibody followed by detection with HRP conjugated Goat anti Rabbit IgG (1/10,000) and visualized on the ChemiDoc MP with 2 second exposure. Arrow points to EGF receptor (molecular weight 175 kDa)

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	Rabbit anti Human EGF receptor antibody recognizes the epidermal growth factor receptor, also known as cell proliferation-inducing protein 61, receptor tyrosine-protein kinase erbB-1, HER1, PIG61 and NISBD2. The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer (provided by RefSeq, Jun 2016). Rabbit anti Human EGF receptor antibody detects a band of 175 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219.2
NCBI GenBank Nucleotide #	NM_005228.3
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7
Molecular Weight	134,277 Da
NCBI Official Full Name	epidermal growth factor receptor isoform a
NCBI Official Synonym Full Names	epidermal growth factor receptor
NCBI Official Symbol	EGFR
NCBI Official Synonym Symbols	ERBB; HER1; mENA; ERBB1; PIG61
NCBI Protein Information	epidermal growth factor receptor; proto-oncogene c-ErbB-1; cell growth inhibiting protein 40; cell proliferation-inducing protein 61; receptor tyrosine-protein kinase erbB-1; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	EGFR
UniProt Synonym Gene Names	ERBB; ERBB1; HER1
UniProt Entry Name	EGFR_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/egf-r-antibody-western-blot-elisa/50452>