

Rabbit EGFR Polyclonal Antibody | anti-EGFR antibody

EGFR Antibody

CATALOG # AAA226267	HOST Rabbit	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

EGFR; Polyclonal Antibody; EGFR Antibody; Purified Polyclonal EGFR Antibody; Polyclonal EGFR antibody; Anti-EGFR antibody; ERBB antibody; ERBB1 antibody; HER1 antibody; Epidermal growth factor receptor antibody; Proto-oncogene c-ErbB-1 antibody; Receptor tyrosine-protein kinase erbB-1 antibody; anti-EGFR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of EGFR protein
Form/Format	Liquid form in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3 with 30% Glycerol and 0.01% Sodium Azide
Concentration	1.0mg/mL (varies by lot)
Sequence Length	1426
Applicable Applications for anti-EGFR antibody	WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EGFR
Cross-Reactivity	Human, Mouse, Rat, Bovine, Chicken, Dog, Pig
Preparation and Storage	Upon receipt , aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of EGFR staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX



WB (Western Blot)

Western blot analysis of EGFR expression in MCF7 (A); Raw264.7 (B); PC12 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	Biological Significance: EGFR is involved in the control of cell growth and differentiation. It is a single-pass transmembrane tyrosine kinase. Ligand binding to this receptor results in receptor dimerization, autophosphorylation (in trans), activation of various downstream signaling molecules and lysosomal degradation.
Product Categories/Family for anti-EGFR antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	17136536
NCBI GeneID	37455
NCBI GenBank Nucleotide #	NP_476759.1
UniProt Accession #	P04412
NCBI Official Full Name	epidermal growth factor receptor, isoform B
NCBI Official Synonym Full Names	Epidermal growth factor receptor
NCBI Official Symbol	Egfr
NCBI Official Synonym Symbols	C-erb; c-erbB; CG10079; D-Egf; d-egf-r; D-EGFR; degfr; dEgfr; dEGFr; dEGFR; Degfr; DEgfr; DEGFR; dEGFR1; der; Der; DER; DER flb; DER/EGFR; DER/top; DER/torpedo; DER1; DmelCG10079; DmHD-33; EC2-4; EFG-R; Egf; Egf-r; EGF-R; egfr; EgfR; EGfr; EGFr; EGFR; EK2
NCBI Protein Information	epidermal growth factor receptor
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	Egfr
UniProt Synonym Gene Names	c-erbB; DER; top; Egfr

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/egfr-antibody-western-blot-elisa/226267>