

Rabbit EGFR Polyclonal Antibody | anti-EGFR antibody

EGFR Antibody (Tyr1197)

CATALOG # AAA226095	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

EGFR; Polyclonal Antibody; EGFR Antibody (Tyr1197); Rabbit Polyclonal EGFR Antibody (Tyr1197); Polyclonal EGFR antibody; Anti-EGFR antibody; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog antibody; cell growth inhibiting protein 40 antibody; cell proliferation-inducing protein 61 antibody; EGFR antibody; Epidermal growth factor receptor antibody; epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog avian) antibody; ERBB antibody; ERBB1 antibody; HER1 antibody; mENA antibody; PIG61 antibody; Proto-oncogene c-ErbB-1 antibody; Receptor tyrosine-protein kinase erbB-1 antibody; anti-EGFR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	EGFR antibody (Tyr1197) detects endogenous levels of EGFR only when phosphorylated at tyrosine 1197
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	1426
Applicable Applications for anti-EGFR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	EGFR antibody was raised in Rabbit using a synthesized phosphopeptide derived from human EGFR around the phosphorylation site of tyrosine 1197 (A-E-YP-L-R) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extract from A431 cells untreated or treated with EGF (200ng/ml, 5min), using EGFR antibody and EGFR antibody (Tyr1197) (Lanes 3 and 4)


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR antibody (Tyr1197)

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	EGFR is a tyrosine protein kinase. Activation of the downstream pathways of EGFR leads to cell proliferation, differentiation, migration/ motility, adhesion, protection from apoptosis, enhanced survival and gene transcription.
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-immunohistochemistry-western-blot-elisa/226095>