

Rabbit anti-Human, mouse EGFR Polyclonal Antibody | anti-EGFR antibody

EGFR Antibody (S1070)

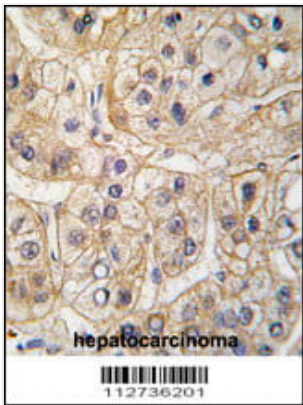
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285074	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

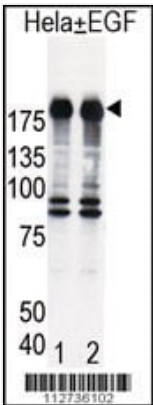
EGFR; Polyclonal Antibody; EGFR Antibody (S1070); Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1; ERBB; ERBB1; HER1; anti-EGFR antibody

PRODUCT SPECIFICATIONS

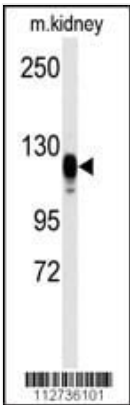
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EGFR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1048-1077 amino acids from human EGFR.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1048-1077
Sequence Length	628
Applicable Applications for anti-EGFR antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with EGFR Antibody (S1070), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of EGFR (arrow) in HeLa cell lysates, either induced (Lane 1) or noninduced with EGF (Lane 2).



WB (Western Blot)
Western blot analysis of anti-EGFR Antibody (S1070) in kidney heart tissue lysates (35ug/lane). EGFR(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	The epidermal growth factor receptor is the cell-surface receptor for members of the epidermal growth factor family (EGF-family) of extracellular protein ligands. The epidermal growth factor receptor is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinases: EGFR (ErbB-1), HER2/c-neu (ErbB-2), Her 3 (ErbB-3) and Her 4 (ErbB-4). Mutations affecting EGFR expression or activity could result in cancer.
Product Categories/Family for anti-EGFR antibody	Cancer; Signal Transduction
References	Zanardi, T.A., et al., J. Virol. 77(21):11685-11696 (2003). Krug, A.W., et al., J. Biol. Chem. 278(44):43060-43066 (2003). Huang, F., et al., J. Biol. Chem. 278(44):43411-43417 (2003). He, Y.Y., et al., J. Biol. Chem. 278(43):42457-42465 (2003). Hirsch, F.R., et al., J. Clin. Oncol. 21(20):3798-3807 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219.2; NP_958439.1; NP_958440.1; NP_958441.1

NCBI GenBank Nucleotide #	NM_005228.3
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7
Molecular Weight	134277
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; NISBD2
NCBI Protein Information	epidermal growth factor receptor
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/egfr-antibody-immunohistochemistry-western-blot-elisa/285074>