

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

Anti-EGFR Antibody, Rabbit Polyclonal

CATALOG # AAA259481	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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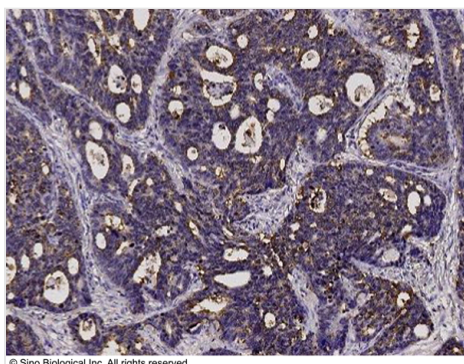
PRODUCT SYNONYMS

EGFR; Polyclonal Antibody; Anti-EGFR Antibody; Rabbit Polyclonal; EGFR Antibody; Rabbit PAb; Antigen Affinity Purified; epidermal growth factor receptor; Anti-ERBB Antibody; Anti-ERBB1 Antibody; Anti-ERRP Antibody; Anti-HER1 Antibody; Anti-mENA Antibody; Anti-NISBD2 Antibody; Anti-PIG61 Antibody; anti-EGFR antibody

PRODUCT SPECIFICATIONS

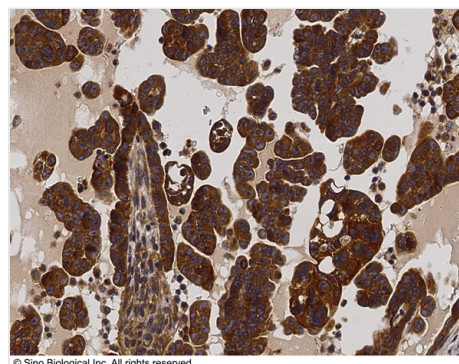
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human EGFR
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-EGFR antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human EGFR Protein (NP_005219; Met668-Ala1210). EGFR specific IgG was purified by Human EGFR affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



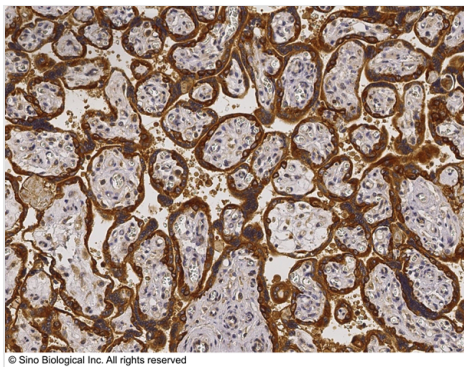
IHC (Immunohistochemistry)

Immunochemical staining of human EGFR in human colon carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human EGFR in human ovarian cancer with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
 Immunochemical staining of human EGFR in human placenta with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). Positive staining was localized to trophoblast.

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	As a member of the epidermal growth factor receptor (EGFR) family, EGFR protein is type I transmembrane glycoprotein that binds a subset of EGF family ligands including EGF, amphiregulin, TGF-alpha, betacellulin, etc. EGFR protein plays a crucial role in signaling pathway in the regulation of cell proliferation, survival and differentiation. Binding of a ligand induces EGFR protein homo- or heterodimerization, the subsequent tyrosine autophosphorylation and initiates various down stream pathways (MAPK, PI3K/PKB and STAT). In addition, EGFR signaling also has been shown to exert action on carcinogenesis and disease progression, and thus EGFR protein is proposed as a target for cancer therapy currently.
Product Categories/Family for anti-EGFR antibody	EGFR Signaling Pathway ; Cancer Drug Targets Receptor Tyrosine Kinases (RTKs)
References	Schlessinger. J. (2000). Cel. signalin. b. recepto. tyrosin. kinases. Cel. 103(2). 211-25. Giaccone. G. (2005). HER1/EGFR-targete. agents. predictin. th. futur. fo. patient. wit. unpredictabl. outcome. t. therapy. Ann. Oncol. 16(4). 538-48. Yarden. Y.. e. al. (2001). Untanglin. th. Erb. signallin. network. Nat. Rev. Mol. Cell. Biol. 2(2). 127-37.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219
NCBI GenBank Nucleotide #	NM_005228.4
UniProt Accession #	P00533 ; O00688 ; O00732 ; P06268 ; Q14225 ; Q68GS5 ; Q92795 ; Q9BZS2 ; Q9GZX1 ; Q9H2C9 ; Q9H3C9 ; Q9UMD7
Molecular Weight	69,228 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; 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://stage.aaabiotech.com/polyclonal/egfr-antibody-immunohistochemistry-elisa/259481>