

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

Rabbit anti-EGFR IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213723	Rabbit	Human, Mouse	Immunohistochemistry, Immunohistochemistry

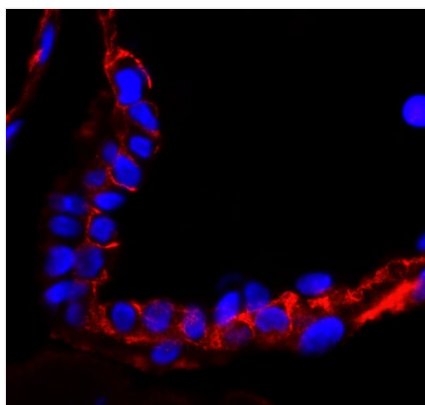
PRODUCT SYNONYMS

EGFR; Polyclonal Antibody; Rabbit anti-EGFR IHC Antibody; Affinity Purified; erb-b2 receptor tyrosine kinase 1; proto-oncogene c-ErbB-1; PIG61; NISBD2; receptor tyrosine-protein kinase erbB-1; HER1; ERBB; epidermal growth factor receptor tyrosine kinase domain; epidermal growth factor receptor; cell proliferation-inducing protein 61; cell growth inhibiting protein 40; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog; mENA; ERBB1; Epidermal growth factor receptor; anti-EGFR antibody

PRODUCT SPECIFICATIONS

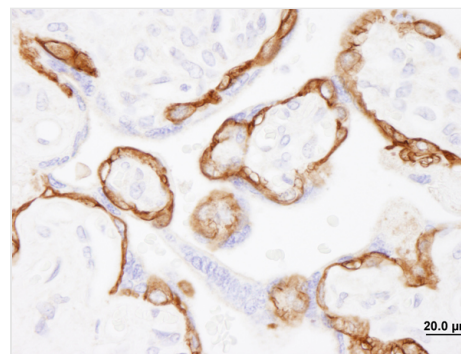
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-EGFR antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Monkey, Gorilla, Chimpanzee, Northern white-cheeked gibbon, White-tufted-ear marmoset, Crab-eating macaque
Immunogen	Between 1160 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



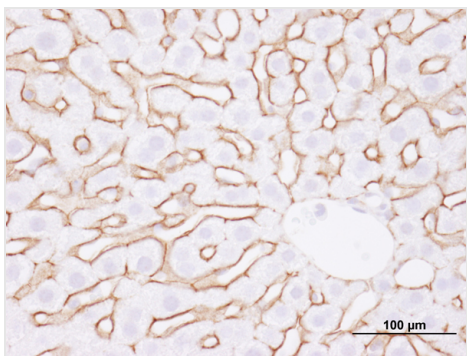
IHC (Immunohistochemistry)

Detection of human EGFR by immunohistochemistry. Sample: FFPE section of human placenta. Antibody: Affinity purified rabbit anti-EGFR (Cat. No. AAA213723-T) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody



IHC (Immunohistochemistry)

Detection of human EGFR by immunohistochemistry. Samples: FFPE section of human placenta. Antibody: Affinity purified rabbit anti-EGFR (Cat. No. AAA213723) used at a dilution of 1:100. Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse EGFR by immunohistochemistry. Samples: FFPE section of mouse liver.
Antibody: Affinity purified rabbit anti-EGFR (Cat. No. AAA213723) used at a dilution of 1:100.
Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	The epidermal growth factor receptor (EGFR) is a membrane spanning tyrosine kinase receptor for epidermal growth factor (EGF) and other ligands of the EGF family such as TGF- α , amphiregulin, betacellulin, epiregulin and heparin-binding EGF-like growth factor. Upon ligand binding, the EGFR homodimerizes or heterodimerizes with other ErbB receptor family members and transduces a downstream signal via the ras-raf-mitogen activated protein kinase pathway or the phosphatidylinositol 3-kinase (PI3K)/Akt pathway. Signals from the EGFR function to influence cell proliferation, differentiation, and development.
Product Categories/Family for anti-EGFR antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	41327734
NCBI GeneID	1956
NCBI Accession #	NP_958440.1
NCBI GenBank Nucleotide #	NM_201283.1
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 c
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.