

Rabbit anti-Human Phospho-EGFR (S1070) Polyclonal Antibody | anti-EGFR antibody

Phospho-EGFR (S1070) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285783	Rabbit	Human	Western Blot, ELISA, Dot Blot

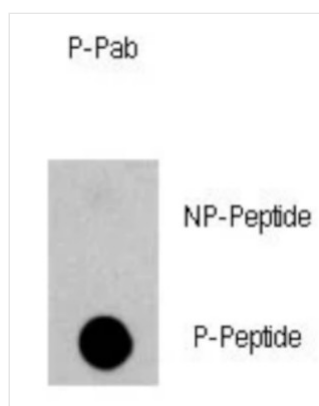
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

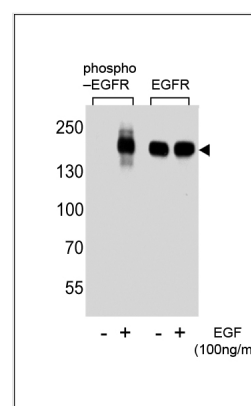
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This EGFR Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S1070 of human EGFR.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	1210
Applicable Applications for anti-EGFR antibody	WB (Western Blot), ELISA, DB (Dot Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



DB (Dot Blot)

Dot blot analysis of anti-EGFR-pS1070 Phospho-specific Pab on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.



WB (Western Blot)

Western blot analysis of extracts from A431 cell, untreated or treated with EGF, using phospho-EGFR-pS1070 (left) or ErBB2 antibody (right).

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	Epidermal Growth factor receptor (EGFR) is the prototype member of the type 1 receptor tyrosine kinases. EGFR overexpression in tumors indicates poor prognosis and is observed in tumors of the head and neck, brain, bladder, stomach, breast, lung, endometrium, cervix, vulva, ovary, esophagus, stomach and in squamous cell carcinoma. EGFR is a receptor for EGF, but also for other members of the EGF family, including TGF-alpha, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation.
Product Categories/Family for anti-EGFR antibody	Crown Antibodies; Cancer; Signal Transduction; Phospho Antibodies
References	Aifa, S., et al., Exp. Cell Res. 302(1):108-114 (2005). Adams, T.E., et al., Growth Factors 22(2):89-95 (2004). Ichinose, J., et al., Biochem. Biophys. Res. Commun. 324(3):1143-1149 (2004). Kuribayashi, A., et al., Endocrinology 145(11):4976-4984 (2004). Kapoor, G.S., et al., Mol. Cell. Biol. 24(2):823-836 (2004).

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospho-egfr-s1070-antibody-western-blot-dot-blot-elisa/285783>