

EGFR Antibody | anti-EGFR antibody

EGFR (Phospho-Ser1026) Antibody

CATALOG # AAA109538	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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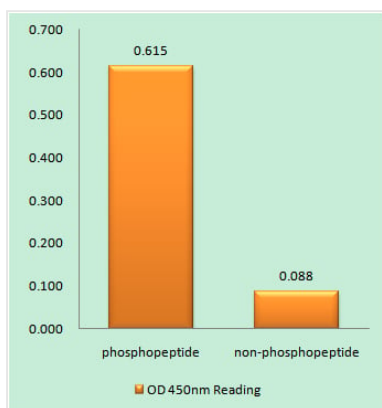
PRODUCT SYNONYMS

EGFR; EGFR (Phospho-Ser1026) Antibody; EC 2.7.10.1; epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog; avian); Epidermal growth factor receptor precursor; ERBB1; kinase EGFR; Receptor protein-tyrosine kinase ErbB-1; anti-EGFR antibody

PRODUCT SPECIFICATIONS

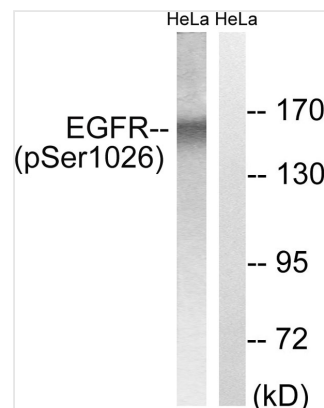
Reactivity	Human, Mouse, Rat
Specificity	EGFR (Phospho-Ser1026) antibody detects endogenous levels of EGFR only when phosphorylated at serine 1026.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1210
Applicable Applications for anti-EGFR antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human EGFR around the phosphorylation site of serine 1026 (F-S-SP-P-S).
All Sites	Human: Ser1026 Mouse: Ser1028 Rat: Ser1027
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, treated with TSA (400nM, 24hours), using EGFR (Phospho-Ser1026) antibody. EGFR (Phospho-Ser1026) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-EGFR antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ullrich A., Nature 309:418-425(1984). Ilekis J.V., Mol. Reprod. Dev. 41:149-156(1995). Reiter J.L., Nucleic Acids Res. 24:4050-4056(1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219.2
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

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/human-mouse-rat-antibody/egfr/109538>