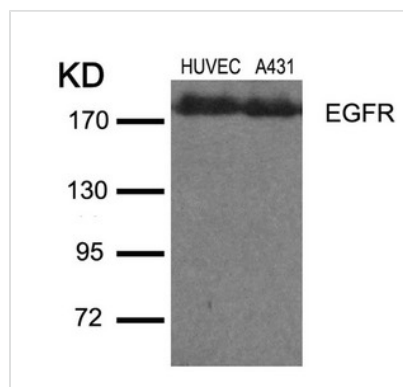


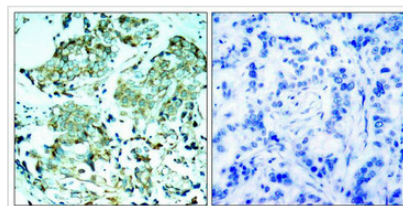


EGFR (Ab-1110) Antibody

Product Code	CSB-PA111241
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P00533
Immunogen	Peptide sequence around aa. 1108~1112 (P-V-Y-H-N) derived from Human EGFR.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total EGFR protein.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:1000,IHC:1:50-1:200
Relevance	Receptor for EGF, but also for other members of the EGF family, as TGF-α, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. Phosphorylates MUC1 in breast cancer cells and increases the interaction of MUC1 with SRC and CTNNB1/beta-catenin. Kaisa Erjala, et al. (2006) Clin. Cancer Res Jul 2006; 12: 4103 - 4111. Judit Anido, et al. (2003) Clin. Cancer Res ; 9: 1274. Julian Andreev, et al. (2001) J. Biol. Chem ; 276: 20130 - 20135. Suil Kim, et al. (2002) Am J Physiol Lung Cell Mol Physiol; 283: 67.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	Receptor tyrosine-protein kinase ErbB-1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	EGFR
Image	



Western blot analysis of extracts from HUVEC and A431 cells using EGFR(Ab-1110) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR(Ab-1110) Antibody(left) or the same antibody preincubated with blocking peptide(right).