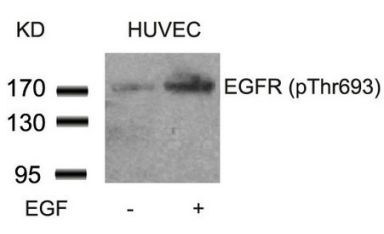
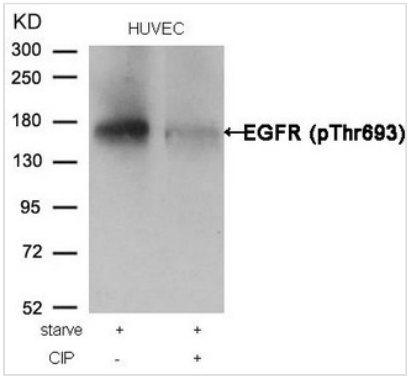
Phospho-EGFR (Thr693) Antibody

Product Code	CSB-PA979756
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P00533
Immunogen	Peptide sequence around phosphorylation site of threonine 693 (P-L-T(p)-P-S) derived from Human EGFR.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level EGFR only when phosphorylated at threonine 693.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Receptor for EGF, but also for other members of the EGF family, as TGF-a, 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. Doherty JK, et al. (1999) Proc Natl Acad Sci U S A; 96(19): 10869-10874 Wu TT, et al. (1998) Mol Biol Cell; 9(7): 1661-1674 O
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Clonality	Polyclonal
Alias	ERBB1; Receptor protein-tyrosine kinase ErbB-1; kinase EGFR
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	EGFR

Image



Western blot analysis of extracts from HUVEC cells untreated or treated with EGF using EGFR(Phospho-Thr693) Antibody.



Western blot analysis of extracts from HUVEC cells, treated with starve or calf intestinal phosphatase (CIP), using EGFR (Phospho-Thr693) Antibody.

Product Modify	Phospho-Thr693