EGFR (Phospho-Ser1026) Antibody

Catalog No: #11902

Package Size: #11902-1 50ul #11902-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

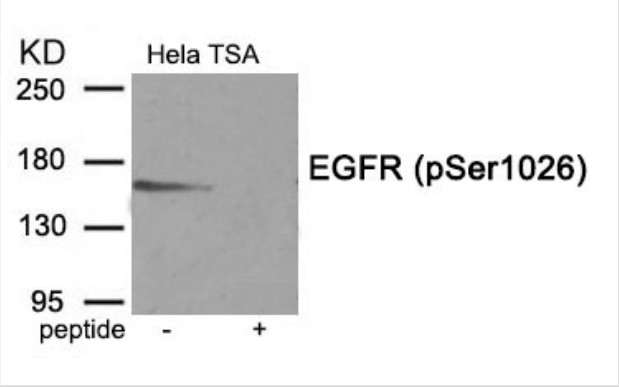
Description

Product Name	EGFR (Phospho-Ser1026) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	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 using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of EGFR only when phosphorylated at serine 1026.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 1026 (P-S-S(p)-P-S) derived from Human EGFR.
Target Name	EGFR
Modification	Phospho
Other Names	ERBB1; Epidermal growth factor receptor precursor; kinase EGFR;
Accession No.	Swiss-Prot#: P00533; NCBI Gene#: 1956; NCBI Protein#: NP_005219.2
Uniprot	P00533
GeneID	1956;
SDS-PAGE MW	160kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HeLa cells treated with TSA using Phospho-EGFR (Ser1026) antibody #11902.The lane on the right is treated with the antigen-specific peptide.

Background

Receptor for EGF, but also for other members of the EGF family, as 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. Phosphorylates MUC1 in breast cancer cells and increases the interaction of MUC1 with SRC and CTNNB1/beta-catenin.

Wu SL, et al. (2006)Mol Cell Proteomics 5, 1610-27

Tong J, et al. (2009) Mol Cell Proteomics 8, 2131-44

Daub H, et al. (2008) Mol Cell 31, 438-48

Note: This product is for in vitro research use only