

Product datasheet for **TA375757**

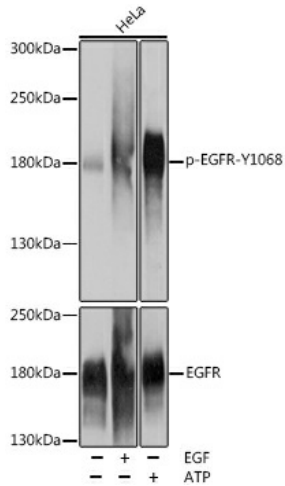
EGFR Rabbit Polyclonal Antibody

Product data:

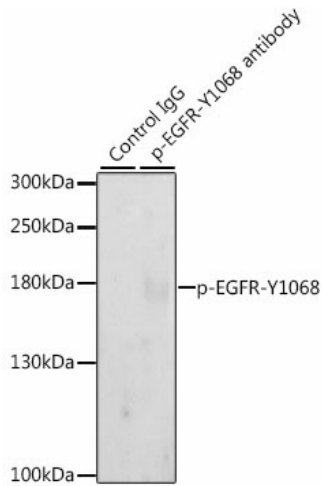
Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	WB,1:1000 - 1:2000 IP,1:50 - 1:100
Reactivity:	Human, Mouse
Modifications:	Phospho Y1068
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y1068 of human EGFR
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	44kDa/69kDa/77kDa/134kDa
Gene Name:	epidermal growth factor receptor
Database Link:	Entrez Gene 1956 Human P00533
Background:	The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.
Synonyms:	ERBB; ERBB1; HER1; mENA; PIG61



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Product images:


Western blot analysis of extracts of HeLa cells, using Phospho-EGFR-Y1068 pAb (TA375757) at 1:1000 dilution or EGFR antibody (A11351). HeLa cells were treated by EGF (100 ng/mL) at 37°C for 30 minutes after serum-starvation overnight. HeLa cells were treated by ATP (5 mM) at 30°C for 1 hour. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% BSA. | Detection: ECL Basic Kit. | Exposure time: 1s.



Immunoprecipitation analysis of 200ug extracts of A-431 cells, using 3 ug Phospho-EGFR-Y1068 pAb (TA375757). Western blot was performed from the immunoprecipitate using Phospho-EGFR-Y1068 pAb (TA375757) at a dilution of 1:1000. A-431 cells were treated by EGF (100 ng/mL) at 37°C for 30 minutes after serum-starvation overnight.