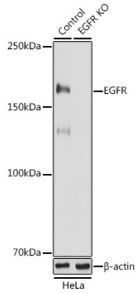
Anti-EGFR Antibody (A81016)

Specifications:

Name:	Anti-EGFR Antibody
Description:	Rabbit polyclonal antibody to EGFR.
Applications:	WB, ICC/IF, IP
Recommended Dilutions:	WB: 1:500-1:1,000, IP: 1:500-1:1,000, ICC/IF: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1100-1200 of human EGFR (NP_005219.2).
Sequence:	RPAGSVQNPVYHNQPLNPAPSRDPHYQDPHSTAVGNPEYLNTVQPTCVNSTFDSPAHW AQKGSHQISLDNPDYQQDFFPKEAKPNGIFKGSTAENAEYLRV
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	175 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.01% Thiomersal.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

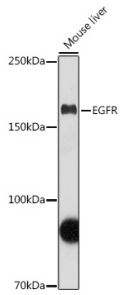
Images:



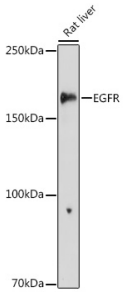
Western blot analysis of extracts from normal (control) and EGFR knockout (KO) HeLa cells, using Anti-EGFR Antibody (A81016) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 90s.

Anti-EGFR Antibody (A81016)

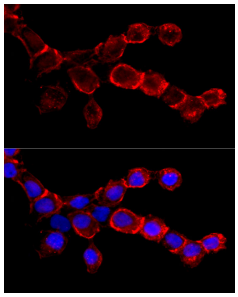
Images continued:



Western blot analysis of extracts of Mouse liver, using Anti-EGFR Antibody (A81016) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 90s.



Western blot analysis of extracts of Rat liver, using Anti-EGFR Antibody (A81016) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Enhanced Kit (RM00021). Exposure time: 180s.



Immunofluorescence analysis of A-431 cells using Anti-EGFR Antibody (A81016) at a dilution of 1:50 (40x lens). DAPI was used to stain the cell nuclei (blue).