

## Phospho-EGFR-Y1068 Antibody

CABP0301

### Description

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This Phospho-EGFR-Y1068 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CABP0301
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	ERBB, ERRP, HER1, mENA, ERBB1, PIG61, NISBD2, Phospho-EGFR-Y1068
<b>Clone:</b>	-
<b>Applications:</b>	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">WB</span> <span style="background-color: blue; border: 1px solid black; padding: 2px 5px;">IP</span> <span style="background-color: green; border: 1px solid black; padding: 2px 5px;">ELISA</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse

### Antibody Data

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<b>Gene ID:</b>	1956
<b>Uniprot:</b>	AB_2771046
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	185kDa
<b>Calculated MW:</b>	134kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

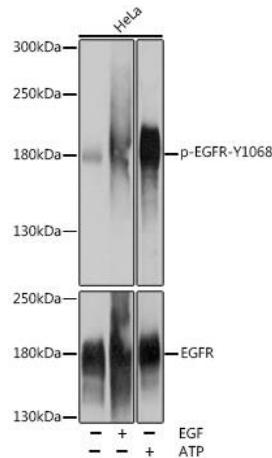
**Positive Sample:** HeLa treated with EGF or ATP

**Recommended Dilutions:**

<b>WB</b>	1:1000 - 1:5000
<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-EGFR- Rabbit pAb (CAB11351). HeLa cells were treated with EGF (100 ng/mL) at 37°C for 30 minutes or treated with ATP (5 mM) at 30°C for 1 hour after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.