

## CABP1425

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### Product Information

<b>Product SKU:</b>	CABP1425	<b>Gene ID:</b>	1956	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC3122	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	200kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	134kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**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, thus inducing receptor dimerization and tyrosine autophosphorylation leading to cell proliferation. Mutations in this gene are associated with lung cancer. EGFR is a component of the cytokine storm which contributes to a severe form of Coronavirus Disease 2019 (COVID-19) resulting from infection with severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2).

**Recommended Dilution:** WB, 1:500 - 1:1000

**Synonyms:** ERBB; ERRP; HER1; mENA; ERBB1; PIG61; NISBD2; Phospho-EGFR (Y845)

**Purification Method:** Affinity purification

**Immunogen:** A phospho synthetic peptide corresponding to residues surrounding Y845 of Human EGFR.

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.