

[KO Validated] EGFR Antibody

CAB2069

Description

This [KO Validated] EGFR 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

SKU:	CAB2069
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	ERBB, ERRP, HER1, mENA, ERBB1, PIG61, NISBD2, EGFR
Clone:	-
Applications:	WB IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	1956
Uniprot:	AB_2764092
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	175kDa//175kDa/175kDa
Calculated MW:	134kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

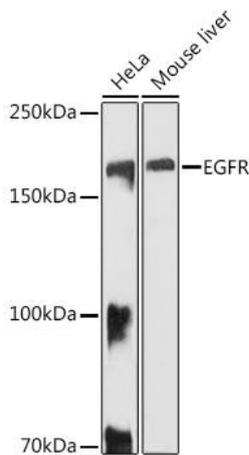
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa, Mouse liver, Rat brain, Rat liver, Rat liver, Rat liver

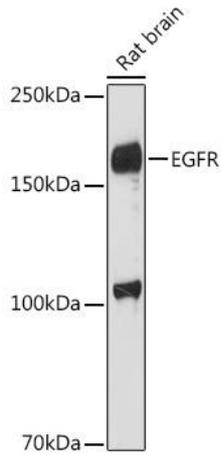
Recommended Dilutions:	WB	1:500 - 1:1000
	IP	0.5µg-4µg antibody for 400µg-800µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

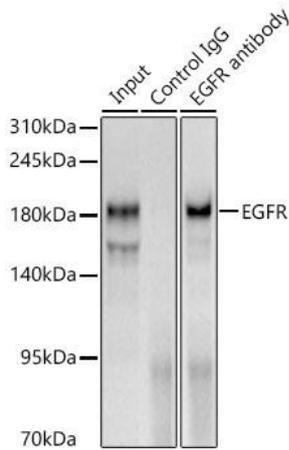
Validation Data



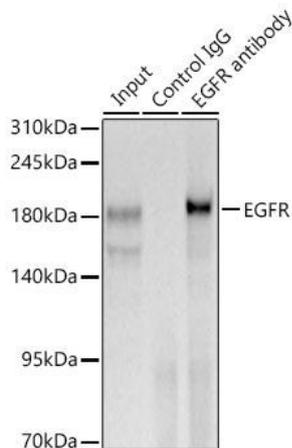
Western blot analysis of various lysates using EGFR Rabbit pAb (CAB2069) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Western blot analysis of lysates from Rat brain, using EGFR Rabbit pAb (CAB2069) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 180s.



Immunoprecipitation of EGFR from 600 µg extracts of Rat liver tissue was performed using 3 µg of EGFR Rabbit pAb (CAB2069). Rabbit IgG isotype control (CABC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using EGFR Rabbit pAb (CAB2069) at a dilution of 1:1000.



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