

Anti-EGR1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

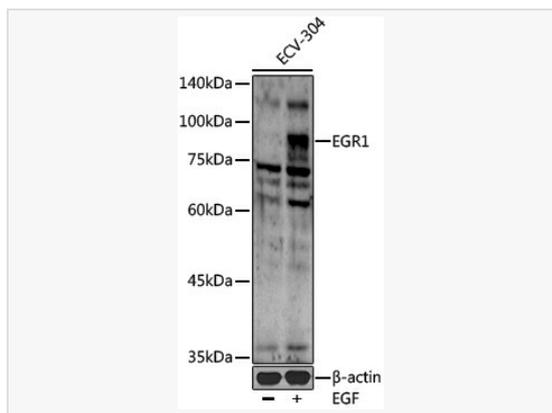
Catalog # P107643

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human EGR1 (NP_001955.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-EGR1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	TIS8; AT225; G0S30; NGFI-A; ZNF225; KROX-24; ZIF-268; EGR1.
Calculated MW	Calculated MW: 58 kDa; Observed MW: 75-80 kDa
Uniprot ID	P18146
Gene ID	1958
Background	The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentiation and mitogenesis. Studies suggest this is a cancer suppressor gene.



Western blot analysis of lysates from ECV-304 cells, using EGR1 Rabbit pAb (P107643) at 1:1,000 dilution. ECV-304 cells were treated by EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.

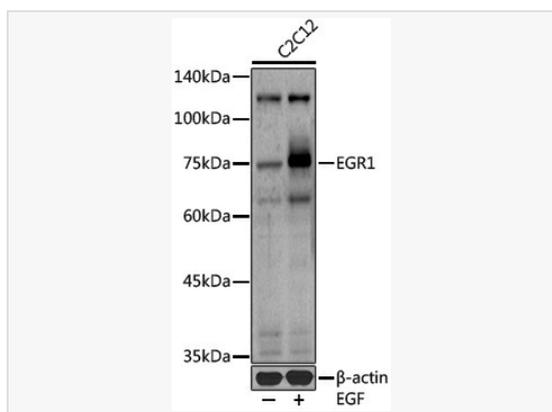
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 180s.



Western blot analysis of lysates from C2C12 cells, using EGR1 Rabbit pAb (P107643) at 1:1,000 dilution. C2C12 cells were treated by EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.

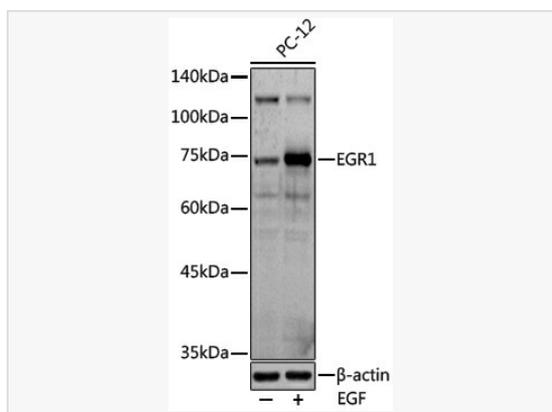
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 90s.



Western blot analysis of lysates from PC-12 cells, using EGR1 Rabbit pAb (P107643) at 1:1,000 dilution. PC-12 cells were treated by EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 90s.