Anti-E2F6 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P105747

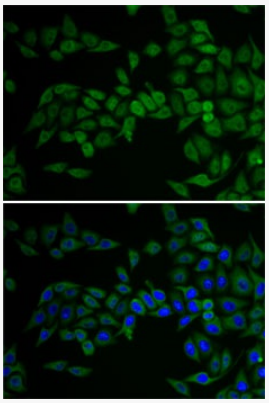
Product Information

Application	WB, IF (Cell)/ICC, IP, ELISA, ChIP
Reactivity	Human, Mouse
Dilution	WB 1:500~1:2000; IF 1:50~1:200; IP 0.5μg-4μg antibody for 200μg-400μg extracts of whole cellsChIP 5μg antibody for 10μg-15μg of Chromatin
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-281 of human E2F6 (NP_937987.2).
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-E2F6 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

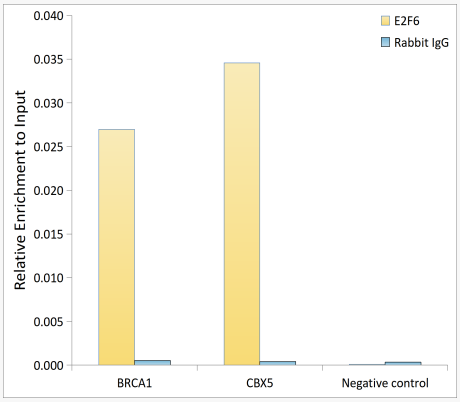
Protein Information

Synonyms	E2F-6; E2F6.
Calculated MW	Calculated MW: 32 kDa; Observed MW: 35 kDa
Uniprot ID	O75461
Gene ID	1876
Background	This gene encodes a member of a family of transcription factors that play a crucial role in the control of the cell cycle. The protein encoded by this gene lacks the transactivation and tumor suppressor protein association domains found in other family members, and contains a modular suppression domain that functions in the inhibition of transcription. It interacts in a complex with chromatin modifying factors. There are pseudogenes for this gene on chromosomes 22 and X. Alternative splicing results in multiple transcript variants.

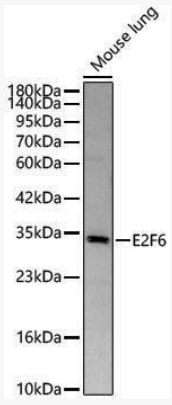
Validation Images



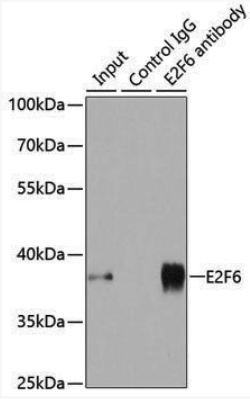
Immunofluorescence analysis of U2OS cells using E2F6 Rabbit pAb (P105747). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Chromatin immunoprecipitation analysis of extracts of 293T cells, using E2F6 antibody (P105747) and rabbit IgG.The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Western blot analysis of lysates from Mouse lung using E2F6 Rabbit pAb (P105747) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 180s.



Immunoprecipitation analysis of 200 µg extracts of MCF-7 cells using 3 µg E2F6 antibody (P105747). Western blot was performed from the immunoprecipitate using E2F6 antibody (P105747) at a dilution of 1:500.