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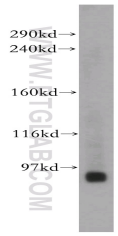
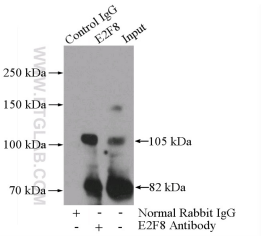
E2F8 Polyclonal Antibody

Catalog number: 13425-1-AP
Size: 20 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
E2F8; E2F 8, E2F transcription factor 8, E2F8, FLJ23311, Transcription factor E2F8



HeLa cells were subjected to SDS PAGE followed by western blot with 13425-1-AP(E2F8 antibody) at dilution of 1:1000



IP Result of anti-E2F8 (IP:13425-1-AP, 4ug; Detection:13425-1-AP 1:500) with HEK-293 cells lysate 2800ug.

Background

E2F8 is one E2F transcription factor that is essential for orchestrating expression of genes required for cell cycle progression, proliferation, apoptosis and differentiation. E2F8 shows a high degree of resemblance to E2F7 and shares the unique structure of E2F7 by having two distinct domains exhibiting a high degree of similarity to the DNA-binding domain of the E2F familyTogether with E2F7, they possess two DNA-binding domains that are predicted to interact with each other. E2F8 binds consensus E2F sites in a DP-independent manner and represses transcription of E2F-regulated promoters. Ectopic expression of E2F8 inhibits cellular proliferation.

Applications

Tested applications:	**ELISA, WB, IP**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Caculated E2F8 MW:	**867aa,94 kDa**
Observed E2F8 MW:	**82 kDa, 105 kDa**
Positive WB detected in	**HeLa cells, HEK-293 cells**
Positive IP detected in	**HEK-293 cells**
Recommended dilution:	**WB: 1:200-1:2000**
	IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag4216**
GenBank accession number:	**BC028244**
Gene ID (NCBI):	**79733**
Full name:	**E2F transcription factor 8**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**