

For Research Use Only

E2F8 Polyclonal antibody

Catalog Number: 13425-1-AP **3 Publications**



Basic Information

Catalog Number: 13425-1-AP	GenBank Accession Number: BC028244	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79733	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: E2F transcription factor 8	
Isotype: IgG	Calculated MW: 867 aa, 94 kDa	
Immunogen Catalog Number: AG4216	Observed MW: 105 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells IP : HEK-293 cells,
Cited Applications: ChIP, WB	
Species Specificity: human	
Cited Species: human	

Background Information

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 family. Together 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. The calculated molecular weight of E2F8 is 94 kDa, but modified E2F8 is about 105 kDa. (PMID: 15897886)

Notable Publications

Author	Pubmed ID	Journal	Application
Xiangling Feng	35088582	Adv Sci (Weinh)	WB, ChIP
Yinan Chen	29341117	Int J Cancer	WB
Cyntanna C Hawkins	38086808	Cell Death Discov	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

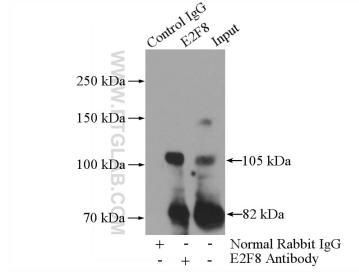
For technical support and original validation data for this product please contact:
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 13425-1-AP (E2F8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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