

E2F4 Polyclonal Antibody

Catalog number: 10923-1-AP

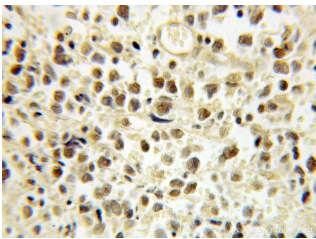
Size: 45 µg/150 µl

Source: Rabbit

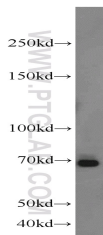
Isotype: IgG

Synonyms:

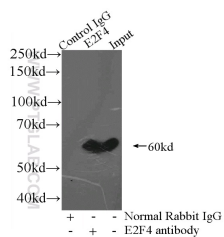
E2F4; E2F 4, E2F4, Transcription factor E2F4



Immunohistochemical of paraffin-embedded human lymphoma using 10923-1-AP(E2F4 antibody) at dilution of 1:100 (under 10x lens)



A431 cells were subjected to SDS PAGE followed by western blot with 10923-1-AP(E2F4 antibody) at dilution of 1:1000



IP Result of anti-E2F4 (IP:10923-1-AP, 3µg; Detection:10923-1-AP 1:1000) with mouse brain tissue lysate 3600µg.

Background

Transcription factor E2F4 (E2F4) is a transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F-4 binds with high affinity to RBL1 and RBL2. In some instances, can also bind RB protein..The observed molecular weight of 60-70 kDa is the phosphorylation of E2F4 protein.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Human
Calculated E2F4 MW:	44 kDa
Observed E2F4 MW:	60-70 kDa
Positive WB detected in	A431 cells, HL-60 cells, Jurkat cells, NIH/3T3 cells, Raji cells
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human lymphoma tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag1365
GenBank accession number:	BC033180
Gene ID (NCBI):	1874
Full name:	E2F transcription factor 4, p107/p130-binding

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.