

DNAxPAb

Hard-to-Find
Antibody

E2F4 DNAxPAb

Catalog # H00001874-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human E2F4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAEAGPQAPPPPGTPSRHEKSLGLLTTKFVSLLQEAKDGVLDLKLAADTLAVRQKRRIYDITNVLE GIGLIEKKSKNSIQWKGVGPGCNTREIADKLIELKAEIEELQQREQELDQHKVWVQQSIRNVTEDVQ NSCLAYVTHEDICRCFAGDTLLAIRAPSGTSLEVPIEGLNGQKKYQIHLKSVSGPIEVLLVNKEAW SSPPVAVPVPPPEDLLQSPSAVSTPPPLPKPALAQSQEASRPNSPQLTPTAVPGSAEVQGMAG PAAEITVSGGPGTDSKDSGELSSLPLGPTTLDTRPLQSSALLDSSSSSSSSSSSSSSNSNSSSSS GPNPSTSFEPKADPTGVLELPKELSEIFDPTRECMSELLEELMSSEVFAPLLRLSPPPGDHDYI YNLDESEGVCDLFDVPVLNL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — E2F4

Entrez GeneID [1874](#)

GeneBank Accession# [NM_001950.3](#)

Protein Accession# [NP_001941.2](#)

Gene Name E2F4

Gene Alias E2F-4

Gene Description E2F transcription factor 4, p107/p130-binding

Omim ID [600659](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionally conserved domains found in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. This protein binds to all three of the tumor suppressor proteins pRB, p107 and p130, but with higher affinity to the last two. It plays an important role in the suppression of proliferation-associated genes, and its gene mutation and increased expression may be associated with human cancer. [provided by RefSeq]

Other Designations E2F transcription factor 4|p107/p130-binding protein

Pathway

- [Cell cycle](#)
- [TGF-beta signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)

- [Ovarian Neoplasms](#)