

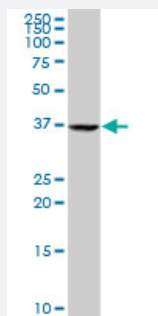
MaxPab®

E2F4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001874-D01P

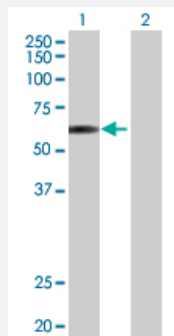
Size 100 ug

Applications



Western Blot (Tissue lysate)

E2F4 MaxPab rabbit polyclonal antibody. Western Blot analysis of E2F4 expression in mouse spleen.



Western Blot (Transfected lysate)

Western Blot analysis of E2F4 expression in transfected 293T cell line ([H00001874-T02](#)) by E2F4 MaxPab polyclonal antibody.

Lane 1: E2F4 transfected lysate(44.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human E2F4 protein.

Immunogen

E2F4 (NP_001941.2, 1 a.a. ~ 413 a.a) full-length human protein.

Sequence

MAEAGPQAPPPPGTPSRHEKSLGLLTTKFVSLLEAKDGVLDLKLAAADTLAVRQKRRYDITNVLE
GIGLIEKSKNSIQWKGVGPGCNTREIADKLIELKAEIEELQQREQELDQHKVWVQQSIRNVTEDVQ
NSCLAYVTHEDICRCFAGDTLLAIRAPSGTSLEVPIPEGLNGQKKYQIHLKSVSGPIEVLLVNKEAW
SSPPVAVPVPPPEDLLQSPSAVSTPPPLPKPALAQSQEASRPNSPQLTPTAVPGSAEVQGMAG
PAAEITVSGGPGTDSKDSGELSSLPLGPTTLDTRPLQSSALLDSSSSSSSSSSSSSSSSSSSSSS
GPNPSTSFEPKADPTGVLELPKELSEIFDPTRECMSELLEELMSSEVFAPLLRLSPPPGDHDI
YNLDESEGVCDLFDVPVLNL

Host	Rabbit
Reactivity	Human, Mouse
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 (Tissue lysate)

E2F4 MaxPab rabbit polyclonal antibody. Western Blot analysis of E2F4 expression in mouse spleen.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of E2F4 expression in transfected 293T cell line ([H00001874-T02](#)) by E2F4 MaxPab polyclonal antibody.

Lane 1: E2F4 transfected lysate(44.00 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

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](#)