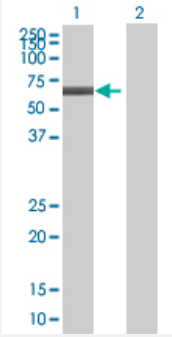
MaxPab®

# E2F4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001874-B01P Size 50 ug

## Applications




### Western Blot (Transfected lysate)

Western Blot analysis of E2F4 expression in transfected 293T cell line (H00001874-T01) by E2F4 MaxPab polyclonal antibody.

Lane 1: E2F4 transfected lysate(45.43 KDa).
Lane 2: Non-transfected lysate.

## Specification

| | |
|---|---|
| **Product Description** | Mouse 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** | MAEAGPQAPPPPGTPSRHEKSLGLLTTKFVSLLQEAKDGVLDLKLAADTLAVRQKRRIYDITNVLE GIGLIEKKSKNSIQWKGVGPGCNTREIADKLIELKAEIEELQQREQELDQHKVWVQQSIRNVTEDVQ NSCLAYVTHEDICRCFAGDTLLAIRAPSGTSLEVPIPEGLNGQKKYQIHLKSVSGPIEVLLVNKEAW SSPPVAVPVPPPEDLLQSPSAVSTPPPLPKPALAQSQEASRPNSPQLTPTAVPGSAEVQGMAG PAAEITVSGGPGTDSKDSGELSSLPLGPTTLDTRPLQSSALLDSSSSSSSSSSSSSNSNSSSSS GPNPSTSFEPIKADPTGVLELPKELSEIFDPTRECMSSELLEELMSSEVFAPLLRLSPPPGDHDYI YNLDESEGVCDLFDVPVLNL |
| **Host** | Mouse |
| **Reactivity** | Human |
| **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)

  Western Blot analysis of E2F4 expression in transfected 293T cell line (H00001874-T01) by E2F4 MaxPab polyclonal antibody.

  Lane 1: E2F4 transfected lysate(45.43 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 s everal evolutionally conserved domains found in most members of the family. These domains incl ude a DNA binding domain, a dimerization domain which determines interaction with the different iation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic ami no acids, and a tumor suppressor protein association domain which is embedded within the trans activation 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 prolifer ation-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