

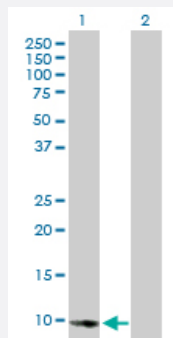
MaxPab®

E2F2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001870-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of E2F2 expression in transfected 293T cell line ([H00001870-T01](#)) by E2F2 MaxPab polyclonal antibody.

Lane 1: E2F2 transfected lysate(9.24 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human E2F2 protein.
Immunogen	E2F2 (AAH07609, 1 a.a. ~ 83 a.a) full-length human protein.
Sequence	MESRSVAQAGVQWPDLGSLQPLPPRFKRFFCLSLQSSWDYRHAPPRPANFVFLVETGFCHVS QAGLELLTSSDPPPRPPKVL R
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.

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[Protocol Download](#)

Gene Info — E2F2

Entrez GeneID [1870](#)

GeneBank Accession# [BC007609](#)

Protein Accession# [AAH07609](#)

Gene Name E2F2

Gene Alias E2F-2

Gene Description E2F transcription factor 2

Omim ID [600426](#)

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 and another 2 members, E2F1 and E2F3, have an additional cyclin binding domain. This protein binds specifically to retinoblastoma protein pRB in a cell-cycle dependent manner, and it exhibits overall 46% amino acid identity to E2F1. [provided by RefSeq]

Other Designations OTTHUMP00000003257

Pathway

- [Bladder cancer](#)
- [Cell cycle](#)
- [Chronic myeloid leukemia](#)

- [Glioma](#)
- [Melanoma](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian Neoplasms](#)