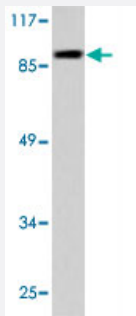


E2F1 polyclonal antibody

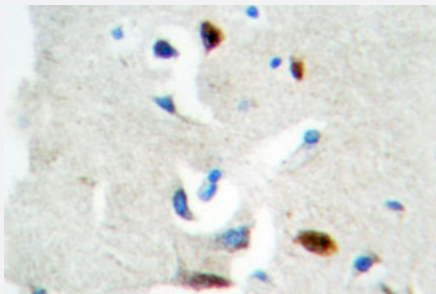
Catalog # PAB27089 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate treated with Etoposide 25uM 24h treated. Using E2F1 polyclonal antibody (Cat # PAB27089).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using E2F1 polyclonal antibody (Cat # PAB27089).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of E2F1.
Immunogen	A synthetic peptide corresponding to human E2F1.
Host	Rabbit
Theoretical MW (kDa)	47
Reactivity	Human, Mouse
Specificity	E2F1 polyclonal antibody detects endogenous levels of E2F1 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate treated with Etoposide 25uM 24h treated. Using E2F1 polyclonal antibody (Cat # PAB27089).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using E2F1 polyclonal antibody (Cat # PAB27089).

Gene Info — E2F1

Entrez GeneID	1869
Protein Accession#	Q01094
Gene Name	E2F1
Gene Alias	E2F-1, RBAP1, RBBP3, RBP3
Gene Description	E2F transcription factor 1
Omim ID	189971
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, E2F2 and E2F3, have an additional cyclin binding domain. This protein binds preferentially to retinoblastoma protein pRB in a cell-cycle dependent manner. It can mediate both cell proliferation and p53-dependent/independent apoptosis. [provided by RefSeq]

Other Designations

OTTHUMP00000030661|retinoblastoma-associated protein 1

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

- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)