

MaxPab®

E2F5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001875-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human E2F5 protein.
Immunogen	E2F5 (AAI56211.1, 1 a.a. ~ 346 a.a) full-length human protein.
Sequence	MAAAEPASSGQQAPAGQGQGRPPPQPPQAQAPQPPPPPQLGGAGGGSSRHEKSLGLLTTKF VSLLEAKDGVLDLKAADTLAVRQKRRYDITNVLEGIDLIEKKSKNSIQWKGVGAGCNTKEVIDR LRYLKAEIEDLELKERELDQQKLWLQQSIKNVMDDSIINNRFSYVTHEDICNCFNGDTLLAIQAPSGT QLEVPIPEMGQNGQKKYQINLKSHSGPIHVLLINKESSSSKPVVFPVPPDDLTPSSQSLTPVTP QKSSMATQNLPEQHVSESRQALQQTSATDISSAGSISGDIIDELMSSDVFPLLRLSPTPADDYNFN LDDNEGVCDFDVQILNY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (87)
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](#)

Gene Info — E2F5

Entrez GeneID	1875
GeneBank Accession#	BC156210.1
Protein Accession#	AA156211.1
Gene Name	E2F5
Gene Alias	E2F-5
Gene Description	E2F transcription factor 5, p130-binding
Omim ID	600967
Gene Ontology	Hyperlink
Gene Summary	<p>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 evolutionarily conserved domains that are present 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 is differentially phosphorylated and is expressed in a wide variety of human tissues. It has higher identity to E2F4 than to other family members. Both this protein and E2F4 interact with tumor suppressor proteins p130 and p107, but not with pRB. Alternative splicing results in multiple variants encoding different isoforms. [provided by RefSeq]</p>
Other Designations	E2F transcription factor 5

Pathway

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

Disease

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