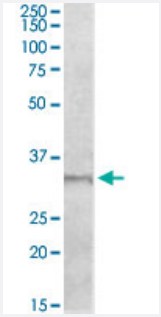
E2F6 polyclonal antibody

Catalog # PAB17820 Size 100 ug

Applications



Western Blot (Tissue lysate)

E2F6 polyclonal antibody (Cat # PAB17820) (1 ug/mL) staining of human skeletal muscle lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of E2F6.
Immunogen	A synthetic peptide corresponding to human E2F6.
Sequence	C-NPQQSEELLEVSN
Host	Goat
Theoretical MW (kDa)	31.8
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — E2F6

Entrez GeneID	1876
Protein Accession#	NP_937987.2
Gene Name	E2F6
Gene Alias	E2F-6, MGC111545
Gene Description	E2F transcription factor 6
Omim ID	602944
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the E2F transcription factor protein family. E2F family members play a crucial role in control of the cell cycle and of the action of tumor suppressor proteins. They a re also a target of the transforming proteins of small DNA tumor viruses. Many E2F proteins conta in several evolutionarily conserved domains: a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transa ctivation domain enriched in acidic amino acids, and a tumor suppressor protein association do main which is embedded within the transactivation domain. The encoded protein of this gene is at ypical because it lacks the transactivation and tumor suppressor protein association domains. It c ontains a modular suppression domain and is an inhibitor of E2F-dependent transcription. The pr otein is part of a multimeric protein complex that contains a histone methyltransferase and the tran scription factors Mga and Max. Multiple transcript variants have been reported for this gene, but it has not been clearly demonstrated that they encode valid isoforms. [provided by RefSeq
Other Designations	E2F transcription factor 6, isoform 1

Disease

- Genetic Predisposition to Disease
- Ovarian Neoplasms