

E2F6 Antibody
Rabbit mAb
Catalog # AP91705**Specification**

E2F6 Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	O75461
Clonality	Monoclonal
Other Names	
E2F 6; E2F-6; E2F6; EMA;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	31844 Da

E2F6 Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human E2F6
Description	Inhibitor of E2F-dependent transcription. Binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3'. Has a preference for the 5'-TTTCCCGC-3' E2F recognition site. E2F-6 lacks the transcriptional activation and pocket protein binding domains.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

E2F6 Antibody - Protein Information

Name E2F6 {ECO:0000303|PubMed:9689056, ECO:0000312|HGNC:HGNC:3120}

Function

Inhibitor of E2F-dependent transcription (PubMed:9501179, PubMed:9689056, PubMed:9704927). Binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' (PubMed:9501179). Has a preference for the 5'-TTTCCCGC-3' E2F recognition site (PubMed:9501179).

[9501179](http://www.uniprot.org/citations/9501179)). E2F6 lacks the transcriptional activation and pocket protein binding domains (PubMed:[9501179](http://www.uniprot.org/citations/9501179), PubMed:[9704927](http://www.uniprot.org/citations/9704927)). Appears to regulate a subset of E2F-dependent genes whose products are required for entry into the cell cycle but not for normal cell cycle progression (PubMed:[9501179](http://www.uniprot.org/citations/9501179), PubMed:[9689056](http://www.uniprot.org/citations/9689056)). Represses expression of some meiosis-specific genes, including SLC25A31/ANT4 (By similarity). May silence expression via the recruitment of a chromatin remodeling complex containing histone H3-K9 methyltransferase activity. Overexpression delays the exit of cells from the S-phase (PubMed:[9501179](http://www.uniprot.org/citations/9501179)).

Cellular Location

Nucleus

Tissue Location

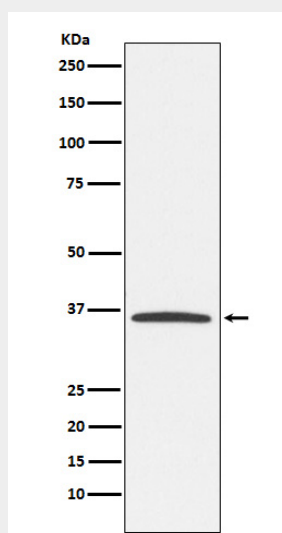
Expressed in all tissues examined. Highest levels in placenta, skeletal muscle, heart, ovary, kidney, small intestine and spleen.

E2F6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

E2F6 Antibody - Images



Western blot analysis of E2F6 expression in K562 cell lysate.