

# E2F6 Rabbit mAb

Catalog # AP77954

## Product Information

Application	WB, IF, FC, ICC
Primary Accession	<a href="#">O75461</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human E2F6
Purification	Affinity Chromatography
Calculated MW	31844

## Additional Information

Gene ID	1876
Other Names	E2F6
Dilution	WB~~1/500-1/1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

Name	E2F6 {ECO:0000303   PubMed:9689056, ECO:0000312   HGNC:HGNC:3120}
Function	Inhibitor of E2F-dependent transcription (PubMed: <a href="#">9501179</a> , PubMed: <a href="#">9689056</a> , PubMed: <a href="#">9704927</a> ). Binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' (PubMed: <a href="#">9501179</a> ). Has a preference for the 5'-TTTCCCGC-3' E2F recognition site (PubMed: <a href="#">9501179</a> ). E2F6 lacks the transcriptional activation and pocket protein binding domains (PubMed: <a href="#">9501179</a> , PubMed: <a href="#">9704927</a> ). 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: <a href="#">9501179</a> , PubMed: <a href="#">9689056</a> ). 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: <a href="#">9501179</a> ).

**Cellular Location**

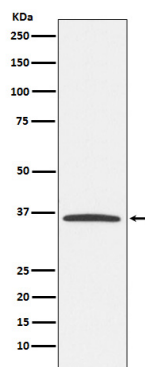
Nucleus

**Tissue Location**

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

**Images**

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