

Anti-E2F6 Rabbit Monoclonal Antibody
Catalog # ABO15279**Specification****Anti-E2F6 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IF, ICC, FC
Primary Accession	O75461
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-E2F6 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

Anti-E2F6 Rabbit Monoclonal Antibody - Additional Information

Gene ID 1876

Other Names

Transcription factor E2F6, E2F-6, E2F6 {ECO:0000303|PubMed:9689056, ECO:0000312|HGNC:HGNC:3120}

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200
FC 1:50

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human E2F6

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-E2F6 Rabbit Monoclonal Antibody - Protein Information

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

Function

Inhibitor of E2F-dependent transcription (PubMed:<a

[9501179](http://www.uniprot.org/citations/9501179), PubMed: [9689056](http://www.uniprot.org/citations/9689056), PubMed: [9704927](http://www.uniprot.org/citations/9704927)). Binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' (PubMed: [9501179](http://www.uniprot.org/citations/9501179)). Has a preference for the 5'-TTTCCCGC-3' E2F recognition site (PubMed: [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

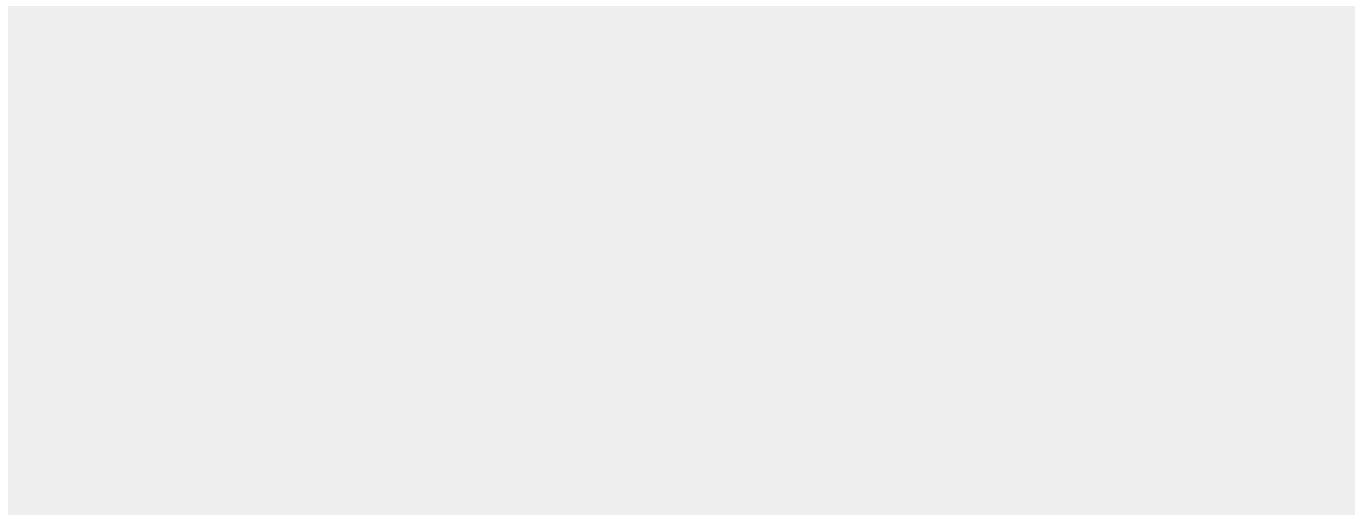
Expressed in all tissues examined. Highest levels in placenta, skeletal muscle, heart, ovary, kidney, small intestine and spleen.

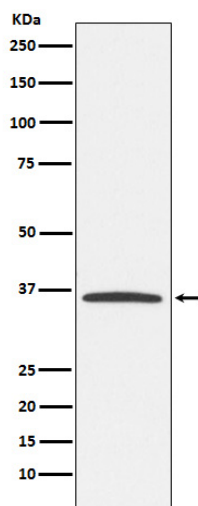
Anti-E2F6 Rabbit Monoclonal Antibody - Protocols

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](#)

Anti-E2F6 Rabbit Monoclonal Antibody - Images





Western blot analysis of E2F6 expression in K562 cell lysate.