

E2F-6 Polyclonal Antibody
Catalog # AP69629**Specification****E2F-6 Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	O75461
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

E2F-6 Polyclonal Antibody - Additional Information**Gene ID** 1876**Other Names**

E2F6; Transcription factor E2F6; E2F-6

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

E2F-6 Polyclonal 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). E2F6 lacks the transcriptional activation and pocket protein binding domains (PubMed:9501179, PubMed: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, PubMed:9704927).

[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

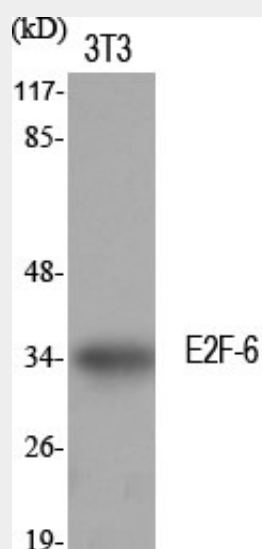
Expressed in all tissues examined. Highest levels in placenta, skeletal muscle, heart, ovary, kidney, small intestine and spleen.

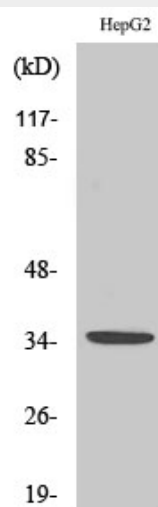
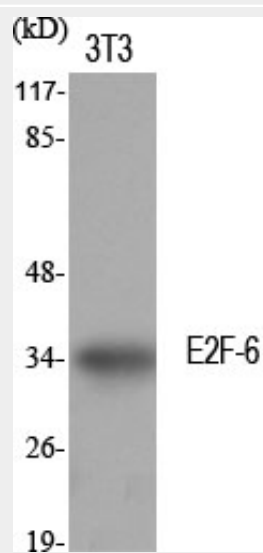
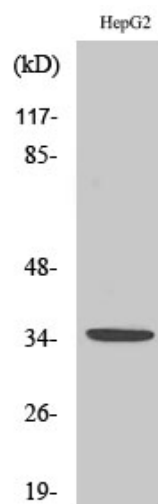
E2F-6 Polyclonal Antibody - Protocols

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](#)

E2F-6 Polyclonal Antibody - Images





E2F-6 Polyclonal Antibody - Background

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. E2F6 lacks the transcriptional activation and pocket protein binding domains. 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. 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.