

Anti-E2F6 Rabbit Monoclonal Antibody

Catalog # ABO15279

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.

Additional Information

Gene ID	1876
Other Names	Transcription factor E2F6, E2F-6, E2F6 {ECO:0000303 PubMed:9689056, ECO:0000312 HGNC:HGNC:3120}
Calculated MW	31844
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
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.
Clone Names Immunogen	Clone: 18E55 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.

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:[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](#)).

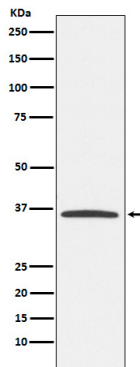
Cellular Location

Nucleus

Tissue Location

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

Images



Western blot analysis of E2F6 expression in K562 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.