

Transcription factor E2F4 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF4034a

Specification

Transcription factor E2F4 Antibody (internal region) - Product Information

Application	WB
Primary Accession	Q16254
Other Accession	NP_001941.2 , 1874 , 104394 (mouse) , 100360427 (rat)
Reactivity	Human
Predicted	Mouse, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	43960

Transcription factor E2F4 Antibody (internal region) - Additional Information

Gene ID 1874

Other Names

Transcription factor E2F4, E2F-4, E2F4

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Transcription factor E2F4 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Transcription factor E2F4 Antibody (internal region) - Protein Information

Name E2F4

Function

Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F4 binds with high affinity to RBL1 and RBL2. In some instances can also bind RB1. Specifically required for multiciliate cell differentiation: together with MCIDAS and E2F5, binds and activate genes required for centriole biogenesis.

Cellular Location

Nucleus.

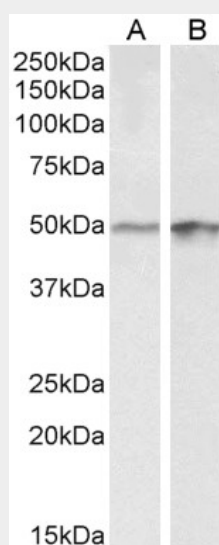
Tissue Location

Found in all tissue examined including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

Transcription factor E2F4 Antibody (internal region) - 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](#)

Transcription factor E2F4 Antibody (internal region) - Images

AF4034a (0.3 μ g/ml) staining of A43 (A) and HeLa (B) lysates (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Transcription factor E2F4 Antibody (internal region) - References

Coordinated repression of cell cycle genes by KDM5A and E2F4 during differentiation. Beshiri ML, Holmes KB, Richter WF, Hess S, Islam AB, Yan Q, Plante L, Litovchick L, Gévry N, Lopez-Bigas N, Kaelin WG, Benevolenskaya EV. Proceedings of the National Academy of Sciences of the United States of America 2012 Nov 109 (45): 18499-504. PMID: 23093672