

E2F4 Antibody

Catalog No: #33361

Package Size: #33361-1 50ul #33361-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

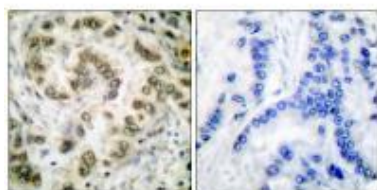
Product Name	E2F4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total E2F4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human E2F4.
Target Name	E2F4
Other Names	E2F-4; p107/p130-binding protein;
Accession No.	Swiss-Prot: Q16254NCBI Gene ID: 1874/1875
Uniprot	Q16254
GeneID	1874;
SDS-PAGE MW	44kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

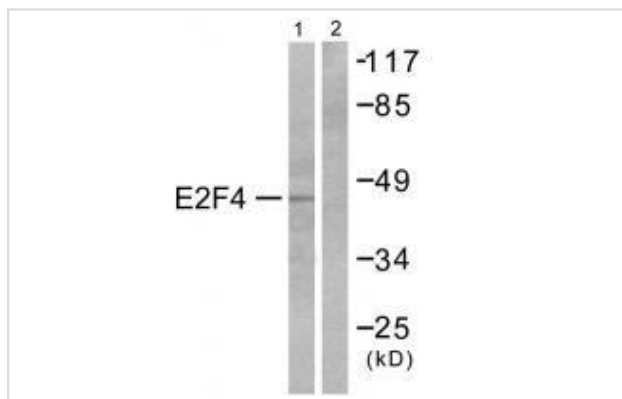
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

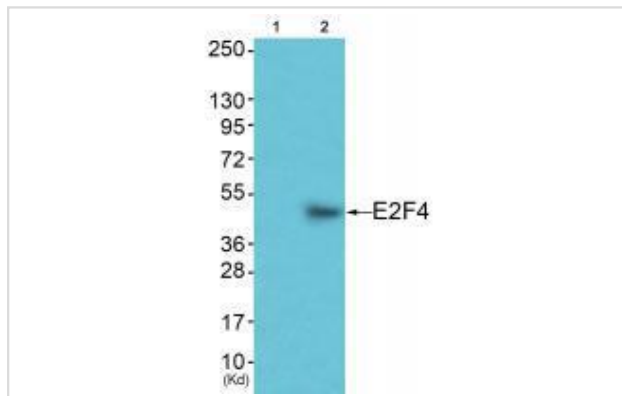
Images



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using E2F4 antibody #33361.



Western blot analysis of extracts from COS7 cells, using E2F4 antibody #33361.



Western blot analysis of extracts from JK cells (Lane 2), using E2F4 antibody #33361. The lane on the left is treated with synthesized peptide.

Background

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.

Kathryn M. Kinross, *Blood*, Aug 2006; 108: 886 - 895.

Dawei Wang, *Mol. Cell. Biol.*, May 2000; 20: 3417 - 3424.

Stephan P. Persengiev, *Mol. Cell. Biol.*, Sep 1999; 19: 6048 - 6056.

Stefan Gaubatz, *Mol. Cell. Biol.*, Feb 2001; 21: 1384 - 1392.

Note: This product is for in vitro research use only