

E2F-4 Polyclonal Antibody
Catalog # AP73505**Specification**

E2F-4 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q16254
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

E2F-4 Polyclonal Antibody - Additional Information**Gene ID** 1874**Other Names**

E2F4; Transcription factor E2F4; E2F-4

Dilution

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

Format

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

Storage Conditions

-20°C

E2F-4 Polyclonal Antibody - 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

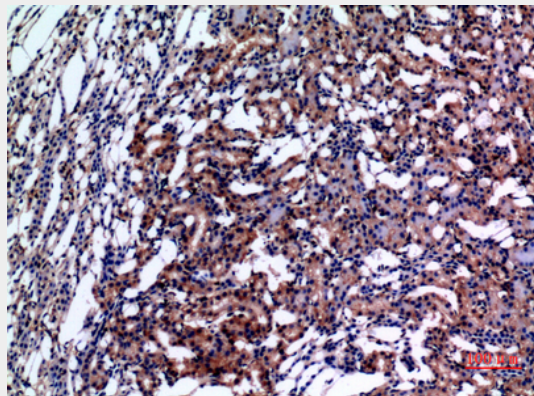
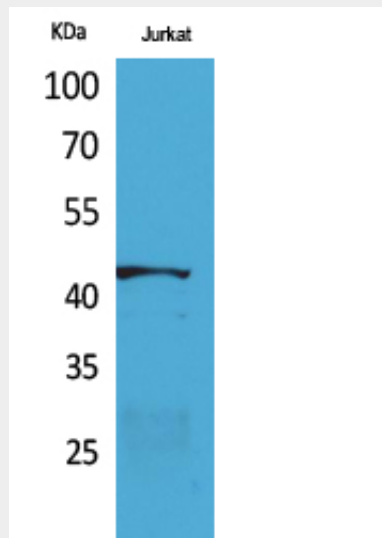
Found in all tissue examined including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

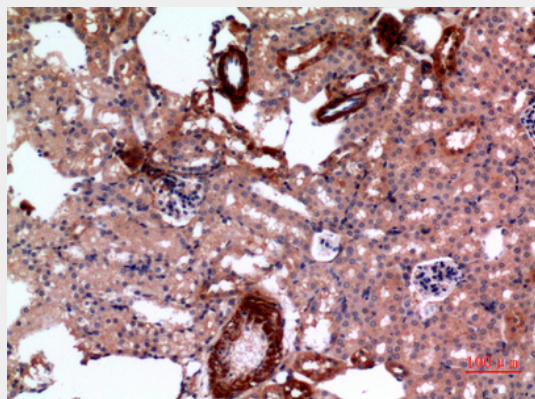
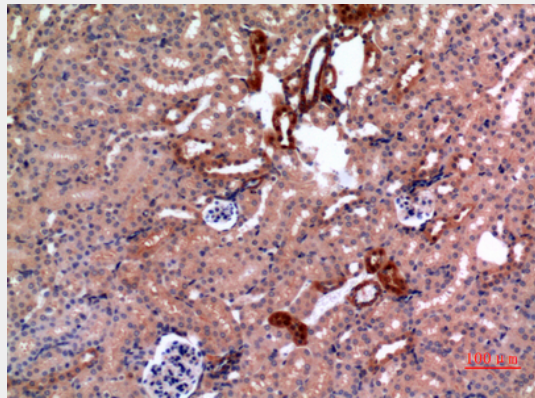
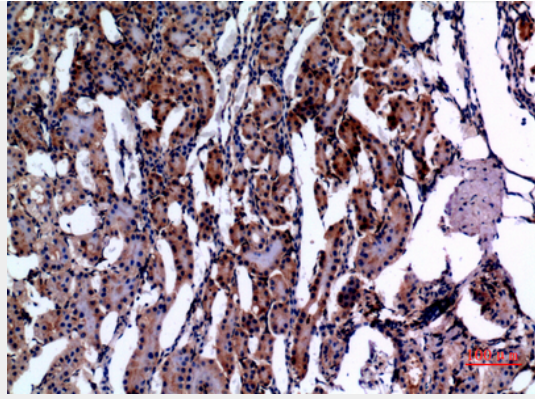
E2F-4 Polyclonal Antibody - Protocols

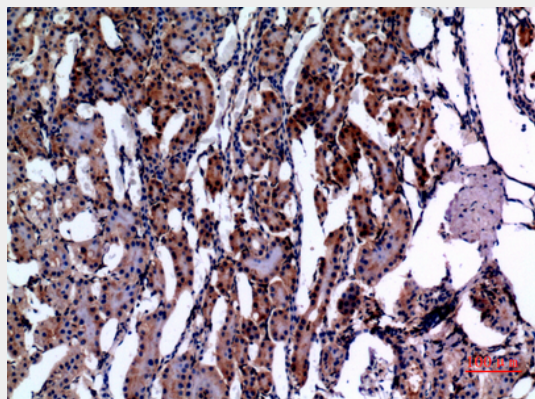
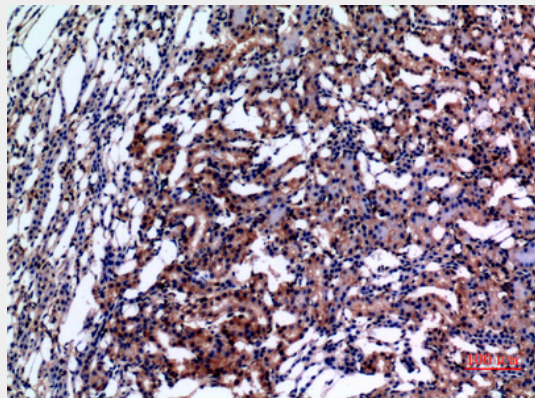
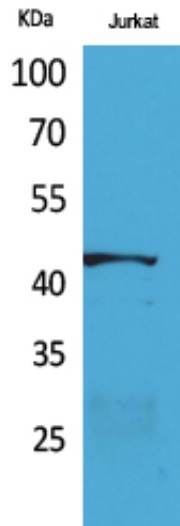
Provided below are standard protocols that you may find useful for product applications.

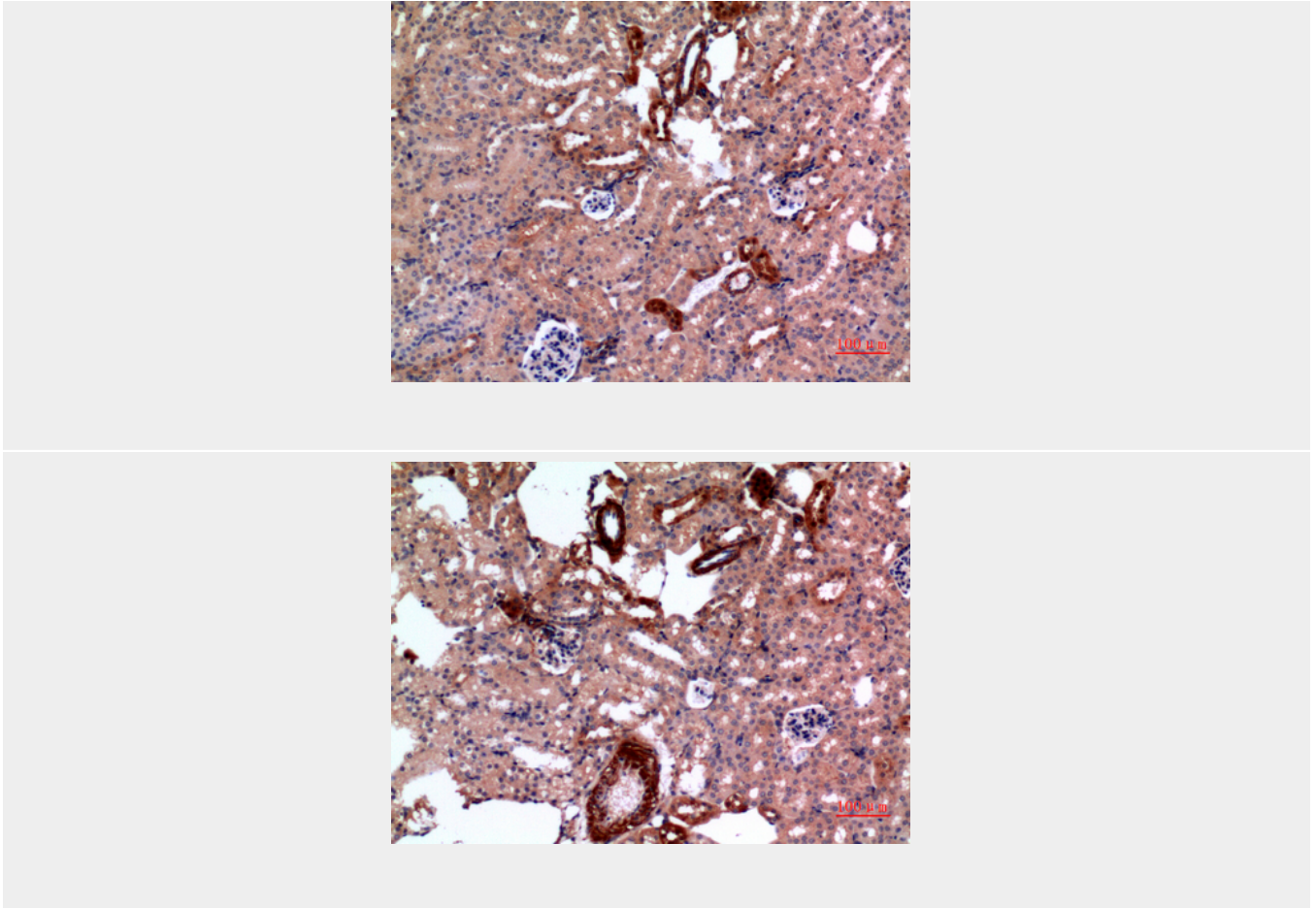
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

E2F-4 Polyclonal Antibody - Images









E2F-4 Polyclonal Antibody - 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. Specifically required for multiciliate cell differentiation: together with MCIDAS and E2F5, binds and activate genes required for centriole biogenesis.