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Datasheet for ABIN5647555
anti-E2F4 antibody (AA 106-144)

3 Images

Overview

Quantity:	100 µg
Target:	E2F4
Binding Specificity:	AA 106-144
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 106-144 (ELQREQELDQHKVWVQQSIRNVTEDEVQNSCLAYVTHED) from the human protein were used as the immunogen for the E2F4 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	E2F4
Alternative Name:	E2F4 (E2F4 Products)
Background:	E2F4 is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. This protein binds to all three of the tumor suppressor proteins pRB, p107 and p130, but with higher affinity to the last two.

Target Details

UniProt: [Q16254](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases, Regulation of Cell Size](#)

Application Details

Application Notes: Western blot: 0.5-1 µg/mL, IHC (FFPE): 1-2 µg/mL

Restrictions: For Research Use only

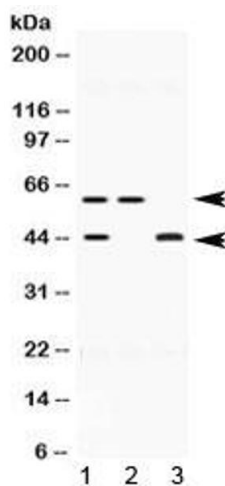
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

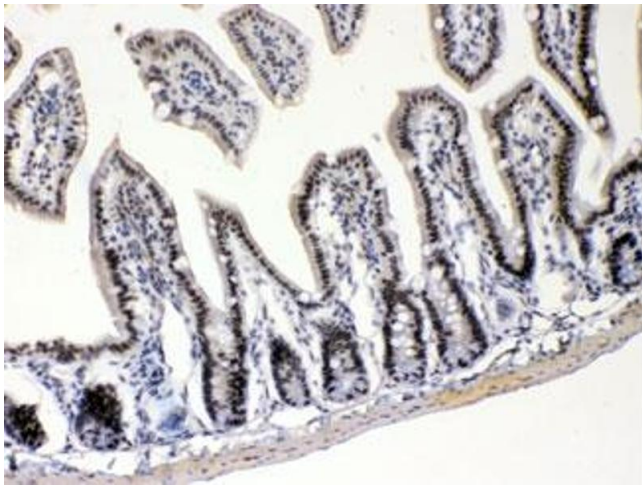
Storage Comment: After reconstitution, the E2F4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



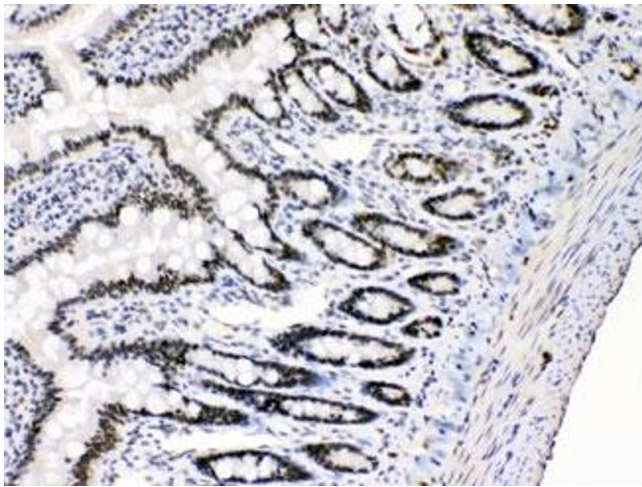
Western Blotting

Image 1. Western blot testing of human 1) HeLa, 2) U-2 OS and 3) MCF7 lysate with E2F4 antibody at 0.5 µg/ml. Expected molecular weight ~44 kDa (unmodified) and 60-65 kDa (phosphorylated).



Immunohistochemistry

Image 2. IHC testing of FFPE mouse intestine with E2F4 antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



Immunohistochemistry

Image 3. IHC testing of FFPE rat intestine with E2F4 antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.