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Datasheet for ABIN7464416
anti-E2F5 antibody

Overview

Quantity:	100 µL
Target:	E2F5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human E2F5. The exact sequence is proprietary.
Isotype:	IgG
Specificity:	Knockdown/Knockout validation was supported by references (PMID:36883841)
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	E2F5
Alternative Name:	E2F transcription factor 5 (E2F5 Products)

Target Details

Background: E2F transcription factor 5 , E2F-5, The protein encoded by this gene 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. The E2F proteins contain several evolutionarily conserved domains that are present in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. This protein is differentially phosphorylated and is expressed in a wide variety of human tissues. It has higher identity to E2F4 than to other family members. Both this protein and E2F4 interact with tumor suppressor proteins p130 and p107, but not with pRB. Alternative splicing results in multiple variants encoding different isoforms. [provided by RefSeq]

Molecular Weight: 38 kDa

Gene ID: 1875

UniProt: [Q15329](#)

Application Details

Application Notes: WB: 1:500-1:20000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: HA-human E2F5-transfected 293T cells , A549 , H1299 , HCT116 , mouse placenta , mouse leukocyte treated with CFA
Validation: KO/KD, Orthogonal, Overexpression

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.