

Rabbit anti-Human E2F1 Polyclonal Antibody | anti-E2F1 antibody

E2F1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231228	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

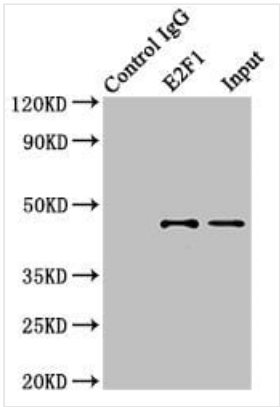
PRODUCT SYNONYMS

E2F1; Polyclonal Antibody; E2F1 Antibody; Transcription factor E2F1E2F-1; PBR3; Retinoblastoma-associated protein 1; RBAP-1; Retinoblastoma-binding protein 3; RBBP-3; pRB-binding protein E2F-1; RBBP3; anti-E2F1 antibody

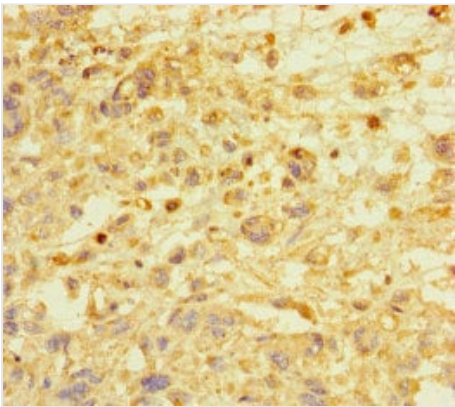
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	437
Applicable Applications for anti-E2F1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Transcription factor E2F1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22820 / sc-193
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

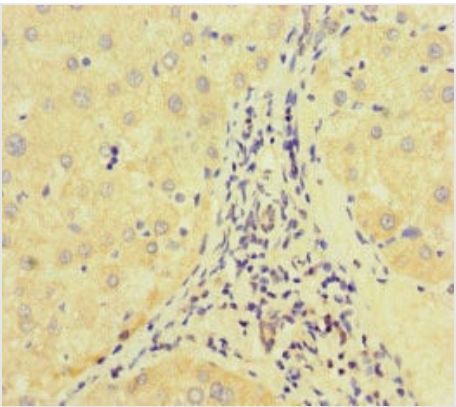
IMAGES



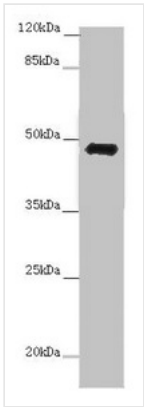
IP (Immunoprecipitation)
Immunoprecipitating E2F1 in 3T3 whole cell lysate Lane 1: Rabbit control IgG (1ug) instead of AAA231228 in 3T3 whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the secondary antibody (1/50000) Lane 2: AAA231228 (8ug)+ 3T3 whole cell lysate (500ug) Lane 3: 3T3 whole cell lysate (10ug)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human melanoma cancer using AAA231228 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA231228 at dilution of 1:100



WB (Western Blot)
Western blot All lanes: E2F1 antibody at 7 ug/ml+ 3T3 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 47 kDa Observed band size: 47 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-E2F1 antibody	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. E2F1 binds preferentially RB1 in a cell-cycle dependent manner. It can mediate both cell proliferation and TP53/p53-dependent apoptosis. Blocks adipocyte differentiation by binding to specific promoters repressing CEBPA binding to its target gene promoters (PubMed:20176812).
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	12669911
NCBI GeneID	1869
NCBI Accession #	NP_005216.1
NCBI GenBank Nucleotide #	NM_005225.2
UniProt Accession #	Q01094; Q13143; Q92768
Molecular Weight	46,920 Da
NCBI Official Full Name	transcription factor E2F1

NCBI Official Synonym Full Names	E2F transcription factor 1
NCBI Official Symbol	E2F1
NCBI Official Synonym Symbols	RBP3; E2F-1; RBAP1; RBBP3
NCBI Protein Information	transcription factor E2F1
UniProt Protein Name	Transcription factor E2F1
UniProt Gene Name	E2F1
UniProt Synonym Gene Names	RBBP3; E2F-1; RBAP-1; RBBP-3
UniProt Entry Name	E2F1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/e2f1-antibody-immunohistochemistry-western-blot-elisa/231228>