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

E2F1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282746	**Rabbit**	**Human**	**ELISA, Immunoprecipitation, Western Blot**

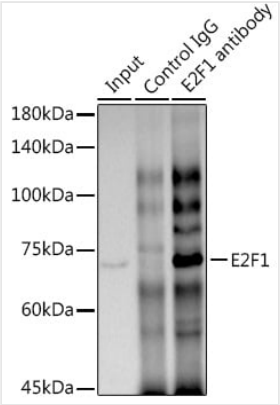
PRODUCT SYNONYMS

E2F1; Monoclonal Antibody; E2F1 Rabbit mAb; RBP3; E2F-1; RBAP1; RBBP3; anti-E2F1 antibody

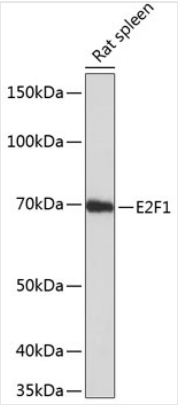
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	PPSSLTTDPS QSLLSLEQEP LLSRMGSLRA PVDEDRLSPL VAADSLLEHV REDFSGLLPE EFISLSPPHE ALDYHFGLEE GEGIRDLFDC DFGDLTPLDF
Applicable Applications for anti-E2F1 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 338-437 of human E2F1 (Q01094).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

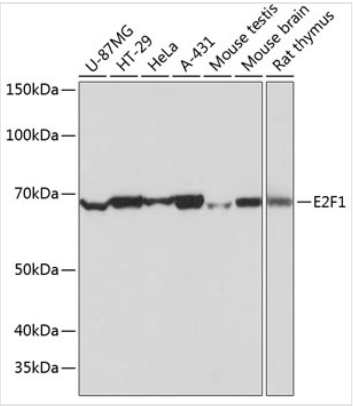
IMAGES



IP (Immunoprecipitation)
Immunoprecipitation analysis of 300 ug extracts of HT-29 cells using 3 ug E2F1 antibody (AAA282746). Western blot was performed from the immunoprecipitate using E2F1 antibody (AAA282746) at a dilution of 1:1000.



WB (Western Blot)
Western blot analysis of lysates from rat spleen, using E2F1 Rabbit mAb (AAA282746) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1min.



WB (Western Blot)
Western blot analysis of various lysates using E2F1 Rabbit mAb (AAA282746) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-E2F1 antibody	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 evolutionally conserved domains found 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 and another 2 members, E2F2 and E2F3, have an additional cyclin binding domain. This protein binds preferentially to retinoblastoma protein pRB in a cell-cycle dependent manner. It can mediate both cell proliferation and p53-dependent/independent apoptosis.
Product Categories/Family for anti-E2F1 antibody	Epigenetics Nuclear Signaling; Transcription Factors; Cancer; Tumor suppressors; Signal Transduction; ErbB-HER Signaling Pathway; Cell Biology Developmental Biology; Apoptosis; Cell Cycle; Cell Cycle Control-G1 S Checkpoint; Antibodies

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	Calculated MW: 47kDa Observed MW: 70kDa
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.

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Online datasheet: https://www.aaabiotech.com/monoclonal/e2f1-antibody-immunoprecipitation-western-blot-elisa/282746