

Rabbit anti-Human Phospho-E2F1 (S337) Polyclonal Antibody | anti-E2F1 antibody

Phospho-E2F1 (S337) Antibody

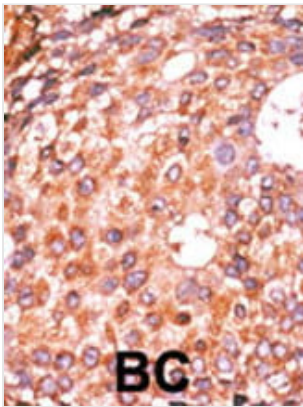
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286206	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

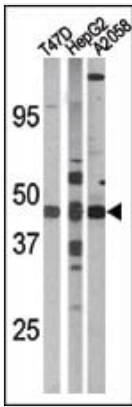
Phospho-E2F1 (S337); Polyclonal Antibody; Phospho-E2F1 (S337) Antibody; Transcription factor E2F1; E2F-1; PBR3; Retinoblastoma-associated protein 1; RBAP-1; Retinoblastoma-binding protein 3; RBBP-3; pRB-binding protein E2F-1; E2F1; RBBP3; anti-E2F1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This E2F1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S337 of human E2F1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.36 (varies by lot)
Sequence Length	437
Applicable Applications for anti-E2F1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-Phospho-E2F1-S337 Pab is used in Western blot to detect Phospho-E2F1-S337 in T47D(left), HepG2(middle), and A2058(right) tissue lysates

ADDITIONAL INFORMATION

Related Product Information for anti-E2F1 antibody	E2F1 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	Cancer; Phospho Antibodies
References	O'Donnell, K.A., et al., Nature 435(7043):839-843 (2005). Wang, C., et al., J. Biol. Chem. 280(13):12339-12343 (2005). Joshi, B., et al., Oncogene 24(13):2204-2217 (2005). Saberwal, G., et al., Int. J. Hematol. 80(2):146-154 (2004). Chaussepied, M., et al., Mol. Cell 16(5):831-837 (2004).

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	46920
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/phospho-e2f1-s337-antibody-immunohistochemistry-western-blot-elisa/286206>