

Rabbit anti-Human, mouse E2F2 Polyclonal Antibody | anti-E2F2 antibody

E2F2 Antibody (Center)

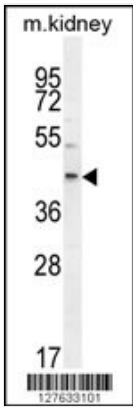
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285024	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

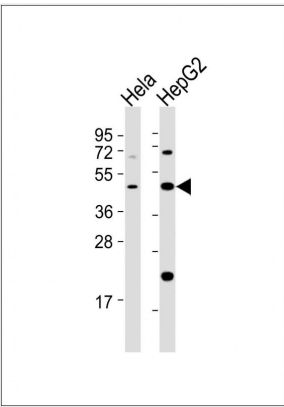
E2F2; Polyclonal Antibody; E2F2 Antibody (Center); Transcription factor E2F2; E2F-2; anti-E2F2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This E2F2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 258-286 amino acids from the Central region of human E2F2.
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: 0.5 (varies by lot)
Sequence Positions	258-286
Sequence Length	437
Applicable Applications for anti-E2F2 antibody	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.



WB (Western Blot)
E2F2 Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the E2F2 antibody detected the E2F2 protein (arrow).



WB (Western Blot)
All lanes : Anti-E2F2 Antibody (Center) at 1:2000 dilutionLane 1: HeLa whole cell lysatesLane 2: HepG2 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 48 kDaBlocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-E2F2 antibody	E2F2 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, E2F1 and E2F3, have an additional cyclin binding domain. This protein binds specifically to retinoblastoma protein pRB in a cell-cycle dependent manner, and it exhibits overall 46% amino acid identity to E2F1. [provided by RefSeq].
References	Revenko, A.S., et al. Mol. Cell. Biol. 30(22):5260-5272(2010) Hayami, S., et al. Mol. Cancer 9, 59 (2010) : Chen, J., et al. Cancer Causes Control 20(9):1769-1777(2009) Cunningham, J.M., et al. Br. J. Cancer 101(8):1461-1468(2009) Lal, A., et al. Mol. Cell 35(5):610-625(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758226
NCBI GeneID	1870
NCBI Accession #	NP_004082.1
NCBI GenBank Nucleotide #	NM_004091.3
UniProt Accession #	Q14209; Q7Z6H1; B2R9W1
Molecular Weight	47506
NCBI Official Full Name	transcription factor E2F2
NCBI Official Synonym Full Names	E2F transcription factor 2

NCBI Official Symbol	E2F2
NCBI Official Synonym Symbols	E2F-2
NCBI Protein Information	transcription factor E2F2
UniProt Protein Name	Transcription factor E2F2
UniProt Gene Name	E2F2
UniProt Synonym Gene Names	E2F-2
UniProt Entry Name	E2F2_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://stage.aaabiotech.com/polyclonal/e2f2-antibody-western-blot-elisa/285024>