

Rabbit anti-Human E2F4 Polyclonal Antibody | anti-E2F4 antibody

Rabbit anti-E2F4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211774	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

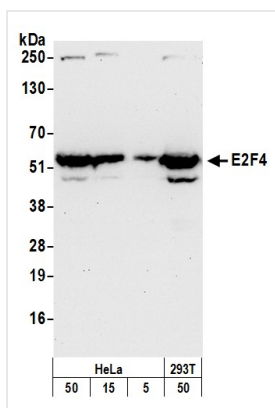
PRODUCT SYNONYMS

E2F4; Polyclonal Antibody; Rabbit anti-E2F4 Antibody; Affinity Purified; transcription factor E2F4; E2F transcription factor 4; p107/p130-binding; E2F-4; p107/p130-binding protein; Transcription factor E2F4; anti-E2F4 antibody

PRODUCT SPECIFICATIONS

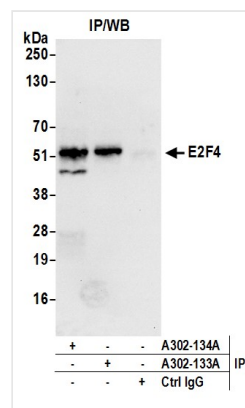
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-E2F4 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 363 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



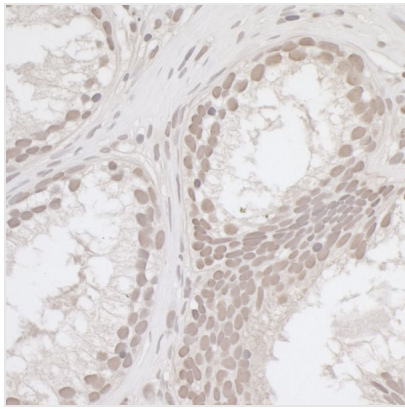
WB (Western Blot)

Detection of human E2F4 by western blot. Samples: Whole cell lysate from HeLa (5, 15, 50 ug) and HEK293T (50ug) cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-E2F4 antibody AAA211774 (lot AAA211774-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human E2F4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-E2F4 antibody AAA211774 (lot AAA211774-2) used for IP at 6 ug per reaction. E2F4 was also immunoprecipitated by rabbit anti-E2F4 antibody For blotting immunoprecipitated E2F4, AAA211774 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human E2F4 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-E2F4 (Cat. No. AAA211774 Lot2) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-E2F4 antibody	E2F4 is a member of the E2F family of transcription factors. It binds DNA at the E2 recognition site found in the promoter region of a number of genes involved in cell cycle regulation and DNA replication. E2F4 binds to pRb, p107, and p130. Via its interaction with p130, E2F4 plays an important role in maintaining G2 arrest during G2 phase checkpoint activation.
Product Categories/Family for anti-E2F4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	12669915
NCBI GeneID	1874
NCBI Accession #	NP_001941.2
NCBI GenBank Nucleotide #	NM_001950.3
UniProt Accession #	Q16254; Q12991; Q15328; A6NGR8; B5BU56
Molecular Weight	43,960 Da
NCBI Official Full Name	transcription factor E2F4
NCBI Official Synonym Full Names	E2F transcription factor 4
NCBI Official Symbol	E2F4
NCBI Official Synonym Symbols	E2F-4
NCBI Protein Information	transcription factor E2F4
UniProt Protein Name	Transcription factor E2F4
UniProt Gene Name	E2F4
UniProt Synonym Gene Names	E2F-4
UniProt Entry Name	E2F4_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.