

Rabbit E2F5 Polyclonal Antibody | anti-E2F5 antibody

E2F5 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287645	Rabbit	Human (Predicted Reactivity: Mouse, Xenopus, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

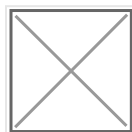
PRODUCT SYNONYMS

E2F5; Polyclonal Antibody; E2F5 Antibody (N-term); Transcription factor E2F5; E2F-5; anti-E2F5 antibody

PRODUCT SPECIFICATIONS

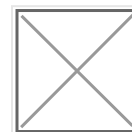
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Xenopus, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This E2F5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-93 amino acids from the N-terminal region of human E2F5.
Purity/Purification	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	66-93
Sequence Length	185
Applicable Applications for anti-E2F5 antibody	FCM/FACS (Flow Cytometry), 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.

IMAGES



FCM/FACS (Flow Cytometry)

E2F5 Antibody (N-term) FC analysis of ZR-75-1 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with E2F5 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of E2F5 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). E2F5 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-E2F5 antibody	E2F5 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 evolutionarily conserved domains that are present 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 is differentially phosphorylated and is expressed in a wide variety of human tissues. It has higher identity to E2F4 than to other family members. Both this protein and E2F4 interact with tumor suppressor proteins p130 and p107, but not with pRB.
References	Itoh,A., et.al., Cell. Mol. Biol. Res. 41 (3), 147-154 (1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	134142809
NCBI GeneID	1875
NCBI Accession #	NP_001077057.1; NP_001077058.1; NP_001942.2
NCBI GenBank Nucleotide #	NM_001083588.1
UniProt Accession #	Q15329; Q16601; Q92756; E9PBN9
Molecular Weight	37610
NCBI Official Full Name	transcription factor E2F5 isoform 2
NCBI Official Synonym Full Names	E2F transcription factor 5, p130-binding
NCBI Official Symbol	E2F5
NCBI Official Synonym Symbols	E2F-5
NCBI Protein Information	transcription factor E2F5
UniProt Protein Name	Transcription factor E2F5
UniProt Gene Name	E2F5
UniProt Synonym Gene Names	E2F-5
UniProt Entry Name	E2F5_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://stage.aaabiotech.com/polyclonal/e2f5-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287645>