

Rabbit E2F2 Polyclonal Antibody | anti-E2F2 antibody

E2F2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198306	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

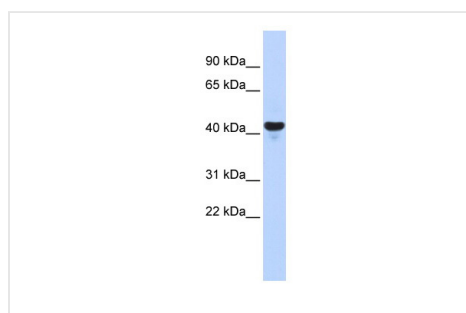
PRODUCT SYNONYMS

E2F2; Polyclonal Antibody; E2F2 antibody - middle region; anti-E2F2 antibody

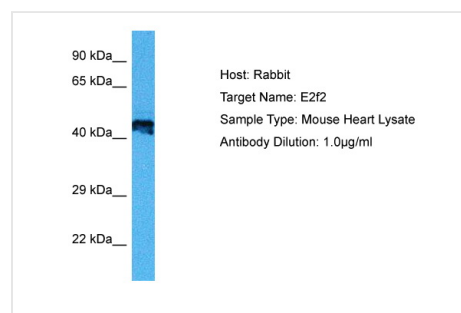
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: DQ FLSPTLACSS PLISFSPSLD QDDYLWGLEA GEGISDLFDS YDLGDLII
Sequence Length	437
Applicable Applications for anti-E2F2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 92%; Dog: 100%; Guinea Pig: 91%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 75%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human E2F2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

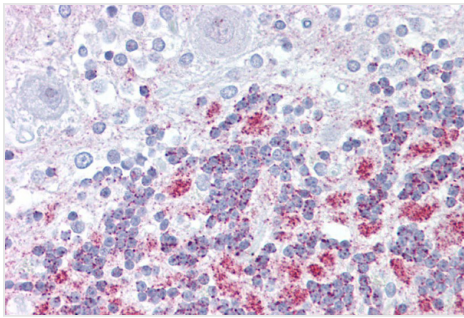


WB (Western Blot)

WB Suggested Anti-E2F2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human brain


WB (Western Blot)

Host: Mouse
Target Name: E2F2
Sample Tissue: Mouse Heart
Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Immunohistochemistry with Brain, cerebellum tissue at an antibody concentration of 5ug/ml
using anti-E2F2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-E2F2 antibody	This is a rabbit polyclonal antibody against E2F2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. 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, 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-E2F2 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Cell Cycle Proteins; Transcription Regulation; Disease Related; DNA/RNA/Protein Interactions; Meiosis/Mitosis/Cell Cycle; Immunohistochemistry; Pathways In Cancer; Prostate Cancer; Transcription

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758226
NCBI GeneID	1870
NCBI Accession #	NP_004082
NCBI GenBank Nucleotide #	NM_004091
UniProt Accession #	Q14209
Molecular Weight	47kDa
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-immunohistochemistry-elisa/198306>