E2F8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	E2F8, Polyclonal Antibody
Full Product Name	E2F8 Antibody
Product Gene Name	anti-E2F8 antibody
Product Synonym Names	E2F-8
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total E2F8 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	867
OMIM	612047
3D Structure	ModBase 3D Structure for A0AVK6
Immunogen	Synthetic peptide of human E2F8
Product Categories/Family for anti-E2F8 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-E2F8 antibody	Western Blot (WB)
Application Notes for anti-E2F8 antibody	WB: 1:200-1:1000 IHC: 1:20-1:100
Related Product Information for anti-E2F8 antibody	This gene encodes a member of a family of transcription factors which regulate the expression of genes required for progression through the cell cycle. The encoded protein regulates progression from G1 to S phase by ensuring the nucleus divides at the proper time. Multiple alternatively spliced variants, encoding the same protein, have been identified
Other Notes	Small volumes of anti-E2F8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for E2F8 purchase	MBS8593921 is an antibody targeting E2F8. Also known as E2F8 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for E2F8. It may not necessarily be applicable to this product.

NCBI GI #	121949436

NCBI GeneID	79733
NCBI Accession #	A0AVK6.1
UniProt Primary Accession #	A0AVK6
UniProt Secondary Accession #	Q2VPJ3; Q3C1U6; Q5BKY4; Q8N340; Q9H5M0; A8K9H3
UniProt Related Accession #	A0AVK6
NCBI Official Full Name	Transcription factor E2F8
NCBI Official Synonym Full Names	E2F transcription factor 8
NCBI Official Symbol	E2F8
NCBI Official Synonym Symbols	E2F-8
UniProt Protein Name	Transcription factor E2F8
Protein Family	Transcription factor
UniProt Gene Name	E2F8
UniProt Synonym Gene Names	E2F-8
UniProt Entry Name	E2F8_HUMAN
NCBI Protein Information	transcription factor E2F8; E2F family member 8
NCBI Summary for E2F8	This gene encodes a member of a family of transcription factors which regulate the expression of genes required for progression through the cell cycle. The encoded protein regulates progression from G1 to S phase by ensuring the nucleus divides at the proper time. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2012]
UniProt Comments for E2F8	E2F8: Along with E2F7, inhibitor of E2F-dependent transcription. Binds DNA independently of DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3'. Directly represses E2F1 transcription. Appears to regulate a subset of E2F-dependent genes whose products are required for normal cell cycle progession. Belongs to the E2F/DP family. Protein type: Transcription factor; DNA-binding Chromosomal Location of Human Ortholog: 11p15.1 Cellular Component: transcription factor complex; nucleus Molecular Function: protein binding; protein homodimerization activity; transcription corepressor activity; transcription factor activity Biological Process: cell proliferation; transcription, DNA-dependent; positive regulation of DNA endoreduplication; positive regulation of transcription from RNA polymerase II promoter; sprouting angiogenesis; cell cycle comprising mitosis without cytokinesis; negative regulation of transcription from RNA polymerase II promoter; negative regulation of cytokinesis; placenta development
Research Articles on E2F8	**1.** The results identify E2F8 as a repressor and E2F1 as an activator of a transcriptional network controlling polyploidization in mammalian cells.
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