E2F8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	E2F8, Polyclonal Antibody
Full Product Name	E2F8 Conjugated Antibody
Product Gene Name	anti-E2F8 antibody
Product Synonym Names	E2F-8
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total E2F8 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	94kDa
OMIM	612047
3D Structure	ModBase 3D Structure for A0AVK6
Immunogen	Synthetic peptide of human E2F8
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-E2F8 antibody	Most Applications
Application Notes for anti-E2F8 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
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	MBS9451600 is an antibody targeting E2F8. Also known as E2F8 Conjugated 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 #	NP_078956
UniProt Primary Accession #	A0AVK6
UniProt Related Accession #	A0AVK6
GenBank Nucleotide #	NM_024680
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
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.** miR-223-5p suppressed NSCLC progression through targeting E2F8.
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