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Product datasheet for TA349084

E2F3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	E2F3 antibody was raised against a 15 amino acid peptide near the center of human E2F3.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	E2F3 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 51 kDa; Observed: 56 kDa
Gene Name:	E2F transcription factor 3
Database Link:	NP_001940 Entrez Gene 13557 MouseEntrez Gene 1871 Human O00716
Background:	The E2F transcription factor 3 (E2F3) is a member of a small family of transcription factors that function through binding of DP interaction partner proteins. E2F3 recognizes a specific sequence motif in DNA and interacts directly with the retinoblastoma protein (pRB) to regulate the expression of genes involved in the cell cycle (1). Like the related E2F1 and E2F2, E2F3 is essential for cellular proliferation and progression through the cell cycle (2). Altered copy number and activity of this gene have been observed in a number of human cancers (3).
Synonyms:	E2F-3

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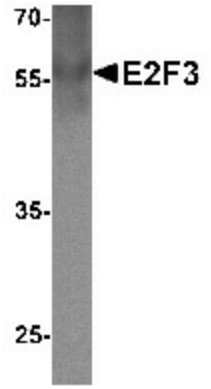
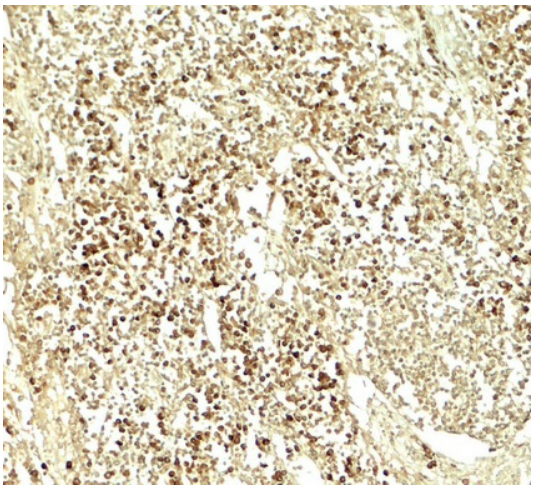
Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Bladder cancer, Cell cycle, Chronic myeloid leukemia, Glioma, Melanoma, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Prostate cancer, Small cell lung cancer

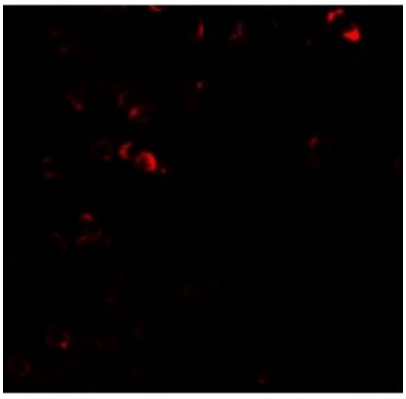
Product images:



Western blot analysis of E2F3 in human lymph node tissue lysate with E2F3 antibody at 1 ug/mL.



Immunohistochemistry of E2F3 in human lymph node tissue with E2F3 antibody at 5 ug/mL.



Immunofluorescence of E2F3 in human lymph node tissue with E2F3 antibody at 20 ug/mL.