

Datasheet for ABIN952013
anti-E2F2 antibody (Middle Region)



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1 Image

Overview

Quantity:	0.4 mL
Target:	E2F2
Binding Specificity:	AA 265-297, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 265-297 amino acids from the Central region of Human E2F2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse E2F2 (Center).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	E2F2
Alternative Name:	E2F2 (E2F2 Products)
Background:	E2F2 is a member of the E2F family of transcription factors. The E2F family plays a crucial role

Target Details

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. [provided by RefSeq].Synonyms: E2F transcription factor 2, E2F-2, Transcription factor E2F2

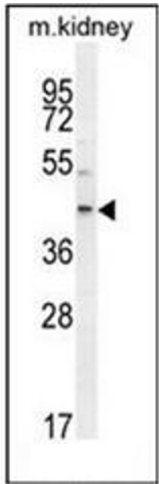
Molecular Weight:	47506 Da
Gene ID:	1870
NCBI Accession:	NP_004082
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , DNA Replication

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of E2F2 Antibody (Center) in mouse kidney tissue lysates (35ug/lane). This demonstrates the E2F2 antibody detected the E2F2 protein (arrow).