

Datasheet for ABIN5514732
anti-E2F2 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	E2F2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Cow, Guinea Pig, Zebrafish (Danio rerio), Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human E2F2
Sequence:	CSLSFKHLTE DKANKRLAYV TYQDIRAVGN FKEQTVIAVK APPQTRLEVP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 87%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 79%, Rat: 100%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against E2F2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	E2F2
Alternative Name:	E2F2 (E2F2 Products)

Target Details

Background: 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.

Alias Symbols: E2F-2

Protein Interaction Partner: RB1, GNB5, GIT2, TFDP1, RBL1, ARID3A, ELAVL1, ATAD2, KMT2D, KMT2A, RYBP, SETD8, BCAR1, TFDP2, BRD2, YY1, SP1, CDK3, RNF144A, FHL2, SPIB, RBL2, E2F4, MYBL2, EAPP, TP53BP2, PPP1R13B, TP53INP1, JMY, GAB2, CDC25A, CDC6, E2F1, UXT, MT1G,

Protein Size: 437

Gene ID:	1870
NCBI Accession:	NM_004091 , NP_004082
UniProt:	Q14209
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

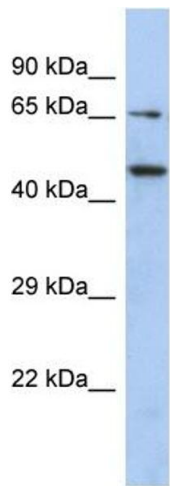
Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: E2F2 Sample Type: PANC1 Whole Cell lysates Antibody Dilution: 1.0ug/ml