

Datasheet for ABIN5689265
anti-E2F2 antibody (AA 425-429)



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Overview

Quantity:	0.1 mg
Target:	E2F2
Binding Specificity:	AA 425-429
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	E2F-2 antibody was raised against a peptide sequence around aa.425~429 (L-F-D-S-Y) derived from Human E2F-2.
Specificity:	This antibody detects endogenous level of total E2F-2 protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	E2F2
Alternative Name:	E2F2 (E2F2 Products)
Background:	Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex

Target Details

	functions in the control of cell-cycle progression from g1 to s phase. E2F-2 binds specifically to RB1 protein, in a cell-cycle dependent manner.
Molecular Weight:	45 kDa
Gene ID:	1870
NCBI Accession:	NP_004082
UniProt:	Q14209
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases, DNA Replication

Application Details

Application Notes:	Western Blot: 1:500~1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Antibody supplied in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store antibody at -20°C for up to one year.