
Catalog Number	A3297
Synonyms	E2F-2; E2F2
Reactivity	Human,Mouse
Tested applications	ELISA,WB
Host species	Rabbit
Background	<p>The protein encoded by this gene 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. 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.</p>
Gene Id	1870
Isotype	IgG
Purity	Affinity purification
Swiss Prot	Q14209
Recommended dilution	WB,1:500 - 1:1000
CALCULATED MW	48kDa
OBSERVED MW	50kDa
IMMUNOGEN	Recombinant fusion protein containing a sequence corresponding to amino acids 303-395 of human E2F2 (Q14209).
POSITIVE SAMPLES	HeLa,SH-SY5Y,Mouse lung,Mouse thymus
CELLULAR LOCALIZATION	Nucleus,
STORAGE BUFFER	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

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