

E2F-2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02790
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human E2F2. AA range:221-270
Mol wt	47506
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	E2F-2 Antibody
Synonyms	E2F2; Transcription factor E2F2; E2F-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

E2F transcription factor 2 encoded by 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. 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.

Recommended Dilution

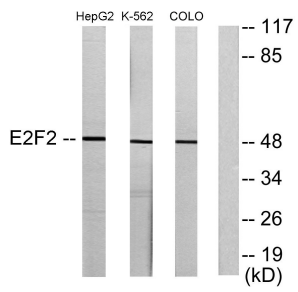
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

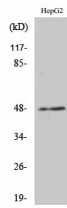
ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HepG2, K562, and COLO205 cells, using E2F2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using E2F-2 Polyclonal Antibody cells nucleus.

Storage

-20°C for one year

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