bs-0599R

[Primary Antibody]

E2F1 Rabbit pAb



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– DATASHEET –––––		400-9	01-9800	
Host: Rabbit	Isotype: IgG	Applications	: WB (1:500-2000)	
Clonality: Polyclonal			IHC-P (1:100-500)	
GenelD: 1869	SWISS: Q01094		IF (1:100-500)	
Target: E2F1			ICC/IF (1:100)	
Immunogen: KLH conjugated syr 101-180/437.	nthetic peptide derived from human E	2F1:		
Purification: affinity purified by Protein A		Reactivity	Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Chicken, Horse) Predicted MW.: ^{46 kDa}	
Concentration: 1mg/ml		neutiny		
 Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: E2F's are DNA binding proteins, which associate with negative regulators, such as the retinoblastoma p107 protein, resulting in an altered rate of gene transcription. The E2E proteins contain several 		% d predicted ative MW. ilting in an in 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, E2F2 and E2F3, have an additional cyclin binding domain. E2F1 is proposed to be involved in several cellular processes that range from tumor suppressor, cell progression and oncogenesis. E2F1 overexpression can also drive cells into apoptosis.		s of the s of the che che che che che che che che che c	r Nucleus	
- VALIDATION IMAGES				

100 - 40⁴ 40⁴ 40⁴ 40⁴ 40⁴ 10⁴ 10⁴

Sample: Lane 1: Hela (Human) Cell Lysate at 30 ug Lane 2: A673 (Human) Cell Lysate at 30 ug Lane 3: Molt-4 (Human) Cell Lysate at 30 ug Lane 4: U251 (Human) Cell Lysate at 30 ug Primary: Anti-E2F1 (bs-0599R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 58 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (E2F1) Polyclonal Antibody, Unconjugated (bs-0599R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (E2F1) polyclonal Antibody, Unconjugated (bs-0599R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (E2F1) polyclonal Antibody, Unconjugated (bs-0599R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

- SELECTED CITATIONS -

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