

bs-1722R**[Primary Antibody]****BioSS**
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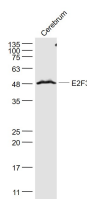
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E2F3 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 1871 Target: E2F3 Immunogen: KLH conjugated synthetic peptide derived from human E2F3: 381-465/465. Purification: affinity purified by Protein A Concentration: 1mg/ml 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: 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 E2F2, have an additional cyclin binding domain. This protein binds specifically to retinoblastoma protein pRB in a cell-cycle dependent manner. [provided by RefSeq].	Isotype: IgG SWISS: O00716	Applications: WB (1:500-2000) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 49 kDa Subcellular Location: Nucleus
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— VALIDATION IMAGES —

Sample: Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti- E2F3 (bs-1722R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kD
Observed band size: 49 kD

— SELECTED CITATIONS —

- **[IF=6.684]** Aditi Karmakar. et al. Identification of Epigenetically Modified Hub Genes and Altered Pathways Associated With Retinoblastoma. Front Cell Dev Biol. 2022; 10: 743224 WB ;Human. 35359459
- **[IF=3.81]** Yuan et al. Methylation by NSun2 represses the levels and function of microRNA 125b. (2014) Mol.Cell.Biol. 34:3630-41 WB ;Human. 25047833
- **[IF=1.39]** Yang et al. miR-203a suppresses cell proliferation by targeting E2F transcription factor 3 in human gastric cancer. (2017) Oncol.Lett. 14:7687-7690 WB ;Human. 29344215

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