

**bs-12982R****[ Primary Antibody ]****BioSS**  
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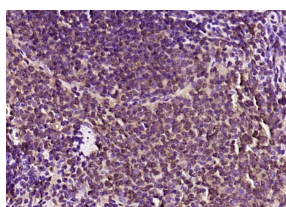
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**DAPP1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 27071 <b>Target:</b> DAPP1 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human DAPP1/BAM32: 51-160/280. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> DHRS1 (dehydrogenase/reductase (SDR family) member 1), also known as SDR19C1, is a 313 amino acid protein that belongs to the short-chain dehydrogenases/reductases (SDR) family and likely functions as an oxidoreductase. Abundantly expressed in heart and liver, DHRS1 contains an SDR motif and is encoded by a gene that maps to human chromosome 14q12. Human chromosome 14 houses over 700 genes and comprises nearly 3.5% of the human genome. Chromosome 14 encodes the presenilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease (AD). The SERPINA1 gene is also located on chromosome 14 and, when defective, leads to the genetic disorder $\alpha$ -antitrypsin deficiency, which is characterized by severe lung complications and liver dysfunction.	<b>Isotype:</b> IgG <b>SWISS:</b> Q9UN19 <b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) <b>Reactivity:</b> Rat (predicted: Human, Mouse, Sheep, Dog, Horse) <b>Predicted MW.:</b> 32 kDa <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat spleen); 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 (DAPP1) Polyclonal Antibody, Unconjugated (bs-12982R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=3.69]** Honghe Xiao et al. Shenzao jiannao oral liquid, an herbal formula, ameliorates cognitive impairments by rescuing neuronal death and triggering endogenous neurogenesis in AD-like mice induced by a combination of A $\beta$ 42 and scopolamine. J Ethnopharmacol. 2020 Sep 15;259:112957. WB ;Mouse. 32416248

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.