

bs-5390R**[Primary Antibody]****BioSS**
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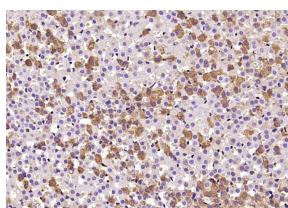
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Seladin 1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 1718 Target: Seladin 1 Immunogen: KLH conjugated synthetic peptide derived from human Seladin 1: 101-200/516. 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: Seladin 1 is highly expressed in brain, adrenal tissues and adrenal tumours, where this enzyme catalyzes the reduction of the delta-24 double bond of sterol intermediates such as desmosterol, during cholesterol biosynthesis. In addition, Seladin 1 has an anti-apoptotic function by reducing caspase 3 activity during oxidative stress-induced apoptosis and protecting cells against amyloid-beta peptide-induced apoptosis. Several studies have identified a reduction in expression levels of this enzyme in brain regions affected by Alzheimer's disease (hippocampus and the subventricular zone).	Isotype: IgG SWISS: Q15392	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 55 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (rat adrenal gland); 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 (Seladin 1) Polyclonal Antibody, Unconjugated (bs-5390R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=1.227]** Zhang XD et al. MiR-26a promotes apoptosis of porcine granulosa cells by targeting the 3 β -hydroxysteroid- Δ 24-reductase gene. Asian-Australas J Anim Sci. 2019, July 1. WB ;Pig. doi:10.5713/ajas.19.0173