### bs-5390R

## [ Primary Antibody ]

# Bioss ANTIBODIES

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# Seladin 1 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GenelD:** 1718 **SWISS:** Q15392

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 antiapoptotic 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)

subventricular zone).

**Applications: IHC-P** (1:100-500)

IHC-F (1:100-500) IF (1:100-500)

Reactivity: Rat (predicted: Human,

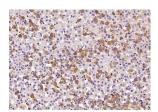
Mouse, Rabbit, Pig, Cow,

Dog, Horse)

Predicted MW.: 55 kDa

**Subcellular Location:** Cell membrane ,Cytoplasm

## 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 3β-hydroxysteroid-Δ24-reductase gene. Asian-Australas J Anim Sci. 2019, July 1. WB; Pig. doi:10.5713/ajas.19.0173