

bs-1499R**[Primary Antibody]****Bioss**
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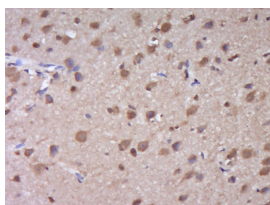
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

SUMO1 Rabbit pAb**— DATASHEET —**

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|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Pig, Cow, Chicken, Horse) Predicted MW.: 12 kDa Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus |
| Clonality: Polyclonal | | |
| GeneID: 7341 | SWISS: P63165 | |
| Target: SUMO1 | | |
| Immunogen: KLH conjugated synthetic peptide derived from human SUMO1: 21-101/101. | | |
| 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: This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last four amino acids of the carboxy-terminus have been cleaved off. Several pseudogenes have been reported for this gene. Alternate transcriptional splice variants encoding different isoforms have been characterized. [provided by RefSeq, Jul 2008] | | |

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat 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 (SUMO 1) Polyclonal Antibody, Unconjugated (bs-1499R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.