

bs-1881R**[Primary Antibody]****Securin Rabbit pAb****BioSS**
ANTIBODIES

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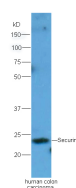
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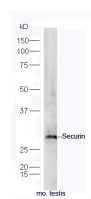
400-901-9800

— DATASHEET —

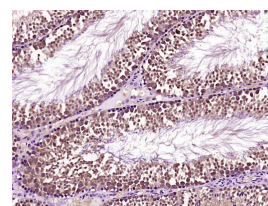
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 9232	SWISS: Q95997	IHC-F (1:100-500)
Target: Securin		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human PTTG1: 101-202/202.		Reactivity: Human, Mouse, Rat (predicted: Pig, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 22-28 kDa
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.		Subcellular Location: Cytoplasm ,Nucleus
Background: The encoded protein is a homolog of yeast securing proteins, which prevent separins from promoting sister chromatid separation. It is an anaphase-promoting complex (APC) substrate that associates with a separin until activation of the APC. The gene product has transforming activity in vitro and tumorigenic activity in vivo, and the gene is highly expressed in various tumors. The gene product contains 2 PXXP motifs, which are required for its transforming and tumorigenic activities, as well as for its stimulation of basic fibroblast growth factor expression. It also contains a destruction box (D box) that is required for its degradation by the APC. The acidic C-terminal region of the encoded protein can act as a transactivation domain. The gene product is mainly a cytosolic protein, although it partially localizes in the nucleus. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Sep 2013].		

— VALIDATION IMAGES —

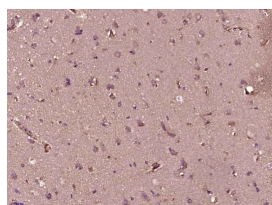
Protein: human colon carcinoma lysates at 30ug;
 Primary: Rabbit Anti-Securin(bs-1881R) at 1:200;
 Secondary: HRP conjugated Goat Anti-Rabbit IgG(bs-0295G-HRP) at 1: 5000; ECL excited the fluorescence; Predicted band size : 23kD
 Observed band size : 23kD



Protein: testis(mouse) lysate at 30ug; Primary: rabbit Anti- Securin (bs-1881R) at 1:300;
 Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size: 28 kD Observed band size: 28 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); 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 (Securin) Polyclonal Antibody, Unconjugated (bs-1881R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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

Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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 (Securin) Polyclonal Antibody, Unconjugated (bs-1881R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=1.636]** Shimoi G et al. Destabilization of spindle assembly checkpoint causes aneuploidy during meiosis II in murine post-ovulatory aged oocytes. (2019) J Reprod Dev. WB ; Mouse. 30464156