

bs-4905R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

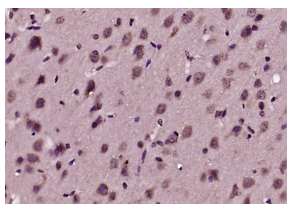
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

SORBS2 Rabbit pAb**— DATASHEET —**

| | | |
|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:50-200) |
| Clonality: Polyclonal | | |
| GeneID: 8470 | SWISS: O94875 | |
| Target: SORBS2 | | Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Chicken, Dog, Horse) |
| Immunogen: KLH conjugated synthetic peptide derived from human SORBS2/ArgBP2: 401-500/664. | | |
| Purification: affinity purified by Protein A | | Predicted MW.: 124 kDa |
| Concentration: 1mg/ml | | Subcellular Location: Cytoplasm |
| 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: SORBS2 is an adapter protein that plays a role in the assembling of signaling complexes, being a link between ABL kinases and actin cytoskeleton. It can form a complex with ABL1 and CBL, thus promoting ubiquitination and degradation of ABL1 or with AKT1 and PAK1, thus mediating AKT1-mediated activation of PAK1. | | |

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); 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 (SORBS2) Polyclonal Antibody, Unconjugated (bs-4905R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=9.452]** Tong,et al.HSF1, in association with MORC2, downregulates ArgBP2 via the PRC2 family in gastric cancer cells.(2018) Biochimica Et Biophysica Acta. 1864:1104-1114. WB ;Human. 29339121
- **[IF=5.542]** Han L et al. The RNA - binding protein SORBS2 suppresses hepatocellular carcinoma tumorigenesis and metastasis by stabilizing RORA mRNA. Liver Int. 2019 Jul 31. IHC ;Human. 31365778
- **[IF=4.6]** Beibei Wang. et al. The RNA-binding protein sorbin and SH3 domain-containing 2 are transcriptionally regulated by specificity protein 1 and function as tumor suppressors in bladder cancer by stabilizing tissue factor pathway inhibitor. MOL CARCINOGEN. 2024 Mar;; IHC ;Mouse. 38501385
- **[IF=2.8]** Yue Deng. et al. ARID5B promoted the histone demethylation of SORBS2 and hampered the metastasis of ovarian cancer. PATHOL RES PRACT. 2023 Dec;252:154911 WB,IHC ;Mouse,Human. 37948999

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