

bs-19359R**[Primary Antibody]****SAA1 Rabbit pAb****Bioss**
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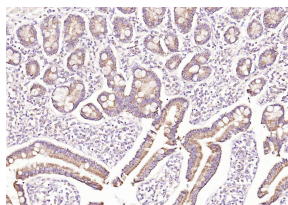
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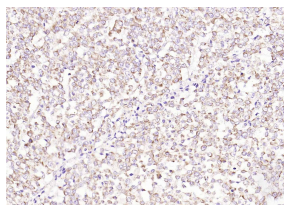
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 6288	SWISS: P0DJ18	IF (1:100-500)
Target: SAA1		Reactivity: Human
Immunogen: KLH conjugated synthetic peptide derived from human SAA1: 41-94/122.		
Purification: affinity purified by Protein A		Predicted MW.: 14 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted
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 member of the serum amyloid A family of apolipoproteins. The encoded protein is a major acute phase protein that is highly expressed in response to inflammation and tissue injury. This protein also plays an important role in HDL metabolism and cholesterol homeostasis. High levels of this protein are associated with chronic inflammatory diseases including atherosclerosis, rheumatoid arthritis, Alzheimer's disease and Crohn's disease. This protein may also be a potential biomarker for certain tumors. Alternate splicing results in multiple transcript variants that encode the same protein. A pseudogene of this gene is found on chromosome 11.[provided by RefSeq, Jun 2012]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Human intestine); 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; Incubation with (SAA1) Polyclonal Antibody, Unconjugated (bs-19359R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human prostate cancer); 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; Incubation with (SAA1) Polyclonal Antibody, Unconjugated (bs-19359R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.8]** Ye Jiazhou. et al. Single cell-spatial transcriptomics and bulk multi-omics analysis of heterogeneity and ecosystems in hepatocellular carcinoma. NPJ PRECIS ONCOL. 2024 Nov;8(1):1-18 IHC ;Human. 39548284
- **[IF=4.086]** Kangxi Cao. et al. SAA1 Expression as a Potential Prognostic Marker of the Tumor Microenvironment in Glioblastoma. FRONT NEUROL. 2022; 13: 905561 WB ;Human. 35756918

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

- **[IF=3.8]** Xin Shiyong. et al. Identification of a risk model for prognostic and therapeutic prediction in renal cell carcinoma based on infiltrating M0 cells. SCI REP-UK. 2024 Jun;14(1):1-19 IHC,WB ;Human. 38862642