

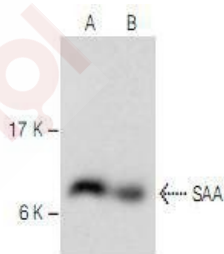
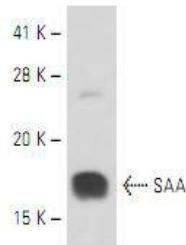
## Anti-Serum Amyloid A (SAA) Antibody (7P934)

### Product Details

Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 12 kDa.
Clone:	7P934
Purification:	ProA affinity purified

### Applications

- Verified Activity:
1. Western blot analysis of human recombinant SAA.
  2. Western blot analysis of SAA expression in Caki-1 whole cell lysate (A) and of SAA human plasma (B).



Application:	IP, WB
Recommended	WB: 1:100-1000; IP: 1-2 $\mu$ g per 100-500 $\mu$ g of total protein(1 ml of cell lysate)

### Properties

Stability & Storage:	Store at $-20^{\circ}\text{C}$ or $-80^{\circ}\text{C}$ for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: SAA of human origin
Antigen Species:	Human
Uniprot ID:	P02735
Synonyms:	SAA 2;TP53I4;SAA_HUMAN;SAA2;Serum amyloid A1 isoform 2;Amyloid fibril protein AA;Serum amyloid A protein precursor;Amyloid protein A;Serum amyloid protein A(4-101);OC;Fibrils;Serum amyloid A1 isoform 1;SAA1;Amyloid fibrils;MGC111216;Tumor protein p53 inducible protein 4;PIG4;SAA;SAA 1;PIG 4

### Research Background

The serum Amyloid A (SAA) family of proteins is encoded by multiple genes, which display allelic variation and a high degree of homology in mammals. The four members of the SAA gene family are clustered on human chromosome 11p15.1. Three SAA genes are differentially expressed and encode small apolipoproteins. SAA1 and SAA2 encode the acute phase SAAs (A-SAAs) and SAA4 encodes the constitutively expressed SAA (C-SAA). A fourth locus, SAA3, is a pseudogene that contains two C/EBP-binding sites and a third site, which interacts with SAA3 enhancer factor. Human SAA proteins are a group of apolipoproteins found predominantly in the high-density lipoprotein (HDL) fraction of plasma. SAA is a major acute-phase protein and precursor to Amyloid A protein, which is the major constituent of the fibril deposits of reactive amyloidosis. SAA is secreted in large amounts by the liver during microbial infections or inflammatory diseases.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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