



## Rabbit Anti-Serum amyloid A 4 protein antibody

SL7573R

<b>Product Name:</b>	Serum amyloid A 4 protein
<b>Chinese Name:</b>	血清淀粉样蛋白4抗体
<b>Alias:</b>	C SAA; Constitutively expressed serum amyloid A protein; CSAA; SAA 4; SAA4; SAA4 protein; Serum amyloid A 4 protein; Serum amyloid A4 constitutive; serum amyloid A-4 protein precursor.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Guinea Pig,,G
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	12kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Serum amyloid A 4 protein:51-130/130
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	SAA4 is a constitutively expressed protein belonging to the SAA family. It is a major acute phase reactant and an apolipoprotein of the HDL complex. The serum amyloid A (SAA) superfamily comprises a number of differentially expressed genes with a high degree of homology in mammalian species. SAA4, an apolipoprotein constitutively

expressed only in humans and mice, is associated almost entirely with lipoproteins of the high density range. Its physiological function is unknown and its serum concentration has no relationship with those of other major apolipoproteins. The presence of SAA4 mRNA and protein in macrophage derived foam cells of coronary and carotid arteries suggested a specific role of human SAA4 during inflammation including atherosclerosis.

**Function:**

Major acute phase reactant. Apolipoprotein of the HDL complex.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Expressed by the liver; secreted in plasma.

**Similarity:**

Belongs to the SAA family.

**SWISS:**

P35542

**Gene ID:**

6291

**Database links:**

UniProtKB/Swiss-Prot: P35542

**Important Note:**

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