

Anti-Human /Mouse /Rat SAA1 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA03196**

3th Edition

Description: This gene encodes a member of the serum amyloid A family of apolipoproteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This 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. SAA1 (Serum Amyloid A1) is a Protein Coding gene. Diseases associated with SAA1 include Amyloidosis Aa and Splenic Artery Aneurysm. Among its related pathways are Peptide ligand-binding receptors and Activated TLR4 signalling. GO annotations related to this gene include heparin binding and chemoattractant activity. An important paralog of this gene is SAA2.

Antigen: Recombinant protein of human SAA1

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed by the liver; secreted in plasma (at protein level).