

SAA1 Rabbit pAb

Catalog No.: A14553 **2 Publications**

Basic Information

Observed MW

16kDa

Calculated MW

12kDa

Category

Primary antibody

Applications

ELISA,WB,IHC-P

Cross-Reactivity

Mouse, Rat

Background

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. Finally, antimicrobial activity against *S. aureus* and *E. coli* resides in the N-terminal portion of the mature protein. Alternate splicing results in multiple transcript variants that encode the same protein. A pseudogene of this gene is found on chromosome 11.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:100 - 1:200

Immunogen Information

Gene ID

6288

Swiss Prot

P0DJJ8

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SAA1 (NP_000322.2).

Synonyms

SAA; PIG4; SAA2; TP53I4; SAA1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

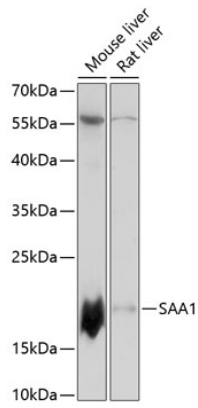
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using SAA1 Rabbit pAb (A14553) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.