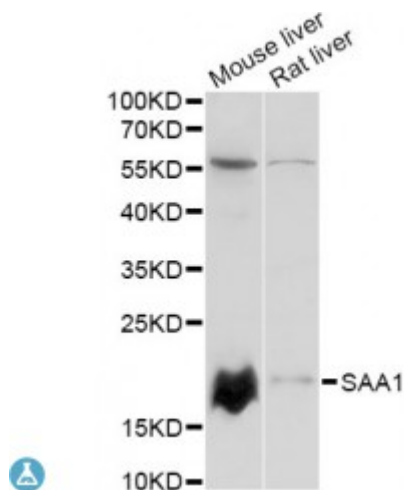


Anti-SAA1 Antibody



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.

Model	STJ116764
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SAA1 (NP_000322.2).
Gene ID	6288
Gene Symbol	SAA1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed by the liver
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Serum amyloid A-1 protein SAA
Molecular Weight	13.532 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:10513 OMIM:104750 Reactome:R-HSA-1810476
Alternative Names	Serum amyloid A-1 protein SAA
Function	Major acute phase protein
Cellular Localization	Secreted
Post-translational Modifications	This protein is the precursor of amyloid protein A, which is formed by the removal of approximately 24 residues from the C-terminal end

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