



Rabbit Anti-Mouse SAA monoclonal antibody, clone E0I5M52 (CABT-L1586)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	SAA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Clone	E0I5M52
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction	Serum amyloid A (SAA) proteins comprise a family of small (12-14 kDa, 104-112 amino acid residues), differentially expressed proteins that are highly conserved among vertebrates. SAA
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proteins are involved in the acute phase responses; these are the immediate early host responses to inflammation. During the acute phase, circulating SAA levels are increased by 100-1000 fold, reaching concentrations of up to one milligram per milliliter. Liver is the major site of SAA synthesis, although extrahepatic expression has also been reported. Mouse SAA gene family maps to chromosome 7. In mouse, five SAA genes and four protein products have been identified: mouse SAA1, SAA2, SAA3 are the acute phase isoforms, SAA5 is constitutively expressed, and SAA4 is a pseudogene. SAAs belong to a category of acute phase proteins that also includes C-reactive protein (CRP), haptoglobin, ceruloplasmin, complement components C3 and C4, a1-acid glycoprotein, a1-proteinase inhibitor, and fibrinogen.

Keywords

Amyloidfibril protein AA;Amyloid protein A;MGC111216;PIG 4;PIG4;SAA 1;SAA 2;SAA;SAA1;SAA_HUMAN;SAA2;Serum amyloid A protein precursor;Serum amyloid A1isoform 1;Serum amyloid A1 isoform 2
