



Serum Amyloid A1 (SAA1, Amyloid Fibril Protein AA, Amyloid Protein A, MGC111216, PIG4, SAA2, Serum Amyloid A Protein Precursor, SAA, Tumor Protein p53 Inducible Protein 4, TP53I4)

Catalog number

S1002-51A

Supplier

United States Biological

Human Serum Amyloid A protein-1 (SAA-1) is a multifunctional apolipoprotein produced by hepatocytes in response to proinflammatory cytokines. It is secreted as a 12kD, 104aa, nonglycosylated polypeptide that displaces apoA1 in the HDL 3 complex. The SAA-1 gene is one of three SAA genes in human, and it shows multiple alleles that are race dependent. The SAA-1 gene product differs from the SAA-2 gene product by only seven amino acids. Circulating SAA-1 shows multiple proteolytically-generated isoforms, with anywhere from one-to-three amino acids being cleaved from either the N- or C-terminus.

Applications

Suitable for use in ELISA, Immunohistochemistry (paraffin), and Western Blot. Other applications not tested.

Recommended Dilution

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

SAA1 (AAH07022, 1-123aa) full length recombinant protein with GST tag. MW of the GST tag alone is 26kD.

Formulation

Supplied as a liquid in PBS, pH 7.2.

Purity

Purified.

Specificity

Recognizes human SAA1.

Product Type

Mab

**Source**

human

Isotype

IgG2b,k

Grade

Purified

Applications

E IHC WB

Crossreactivity

Hu

Storage

-20°C