

# Anti-SAA5 [A10 P4F7\*C9]

**Catalogue number:** 158036

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Abdo Alnabulsi

**Institute:** Vertebrate Antibodies Limited

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-SAA5 [A10 P4F7\*C9]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Serum amyloid A (SAA) proteins are a family of apolipoproteins associated with high-density lipoprotein (HDL) in plasma. SAA is a highly conserved, acute-phase protein (APP) synthesized predominantly by the liver. Different isoforms of SAA are expressed constitutively (constitutive SAAs, SAA4, 5) at different levels or in response to inflammatory stimuli (acute phase SAAs, SAA1-3). SAA proteins also exhibit significant immunological activity by, for example, inducing the synthesis of several cytokines and by being chemotactic for neutrophils and mast cells. SAAs are reported as a potential target in the treatment of diseases associated with inflammation. In salmon, SAA-5 has been indicated as a main acute phase response (APR) protein post 24 h in which SAA-5 is significantly induced in liver. This is a significant health marker.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1 kappa

**Reactivity:** Salmonids

**Selectivity:**

**Host:** Mouse

**Immunogen:** Ovalbumin-conjugated synthetic peptide. Peptide immunogen is conserved in salmonids fish species.

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** ELISA- peptide immunogen, recombinant protein WB- recombinant protein  
IHC- formalin-fixed, paraffin-embedded multi-tissues

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Serum amyloid A-5 (SAA5)

**Target alternate names:**

**Target background:** Serum amyloid A (SAA) proteins are a family of apolipoproteins associated with high-density lipoprotein (HDL) in plasma. SAA is a highly conserved, acute-phase protein (APP) synthesized predominantly by the liver. Different isoforms of SAA are expressed constitutively (constitutive SAAs, SAA4, 5) at different levels or in response to inflammatory stimuli (acute phase SAAs, SAA1-3). SAA proteins also exhibit significant immunological activity by, for example, inducing the synthesis of several cytokines and by being chemotactic for neutrophils and mast cells. SAAs are reported as a potential target in the treatment of diseases associated with inflammation. In salmon, SAA-5 has been indicated as a main acute phase response (APR) protein post 24 h in which SAA-5 is significantly induced in liver. This is a significant health marker.

**Molecular weight:** 13

**Ic50:**

## Applications

**Application:** ELISA ; IHC ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:**

CancerTools.org