

**APCS / Serum Amyloid P / SAP Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS17080**

**Specification**

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**APCS / Serum Amyloid P / SAP Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC, IF, WB            |
| Primary Accession | <a href="#">P02743</a> |
| Other Accession   | <a href="#">325</a>    |
| Reactivity        | Human, Mouse           |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | IgG                    |
| Calculated MW     | 25387                  |

**APCS / Serum Amyloid P / SAP Antibody - Additional Information**

**Gene ID** 325

**Other Names**

APCS, 9.5S alpha-1-glycoprotein, Amyloid P component, serum, Pentaxin-related, PTX2, Serum Amyloid P, Serum amyloid P-component, SAP

**Target/Specificity**

Human APCS / Serum Amyloid P / SAP

**Reconstitution & Storage**

PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

**Precautions**

APCS / Serum Amyloid P / SAP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**APCS / Serum Amyloid P / SAP Antibody - Protein Information**

**Name** APCS

**Synonyms** PTX2

**Function**

Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells. May also function as a calcium-dependent lectin.

**Cellular Location**

Secreted.

**Tissue Location**

Found in serum and urine.

**Volume**

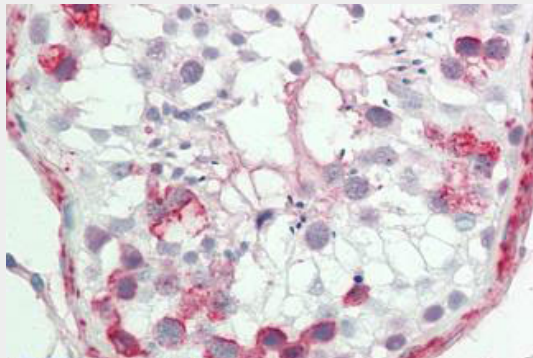
50  $\mu$ l

**APCS / Serum Amyloid P / SAP Antibody - Protocols**

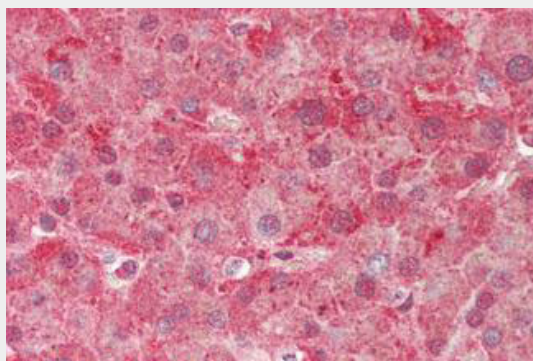
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

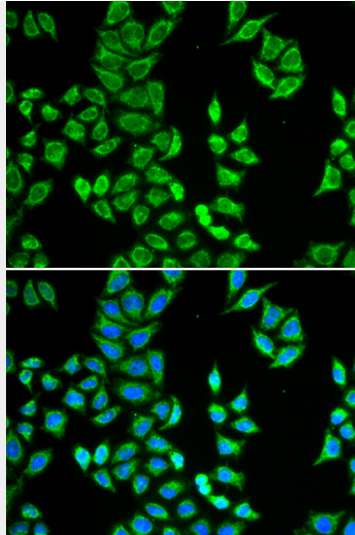
**APCS / Serum Amyloid P / SAP Antibody - Images**



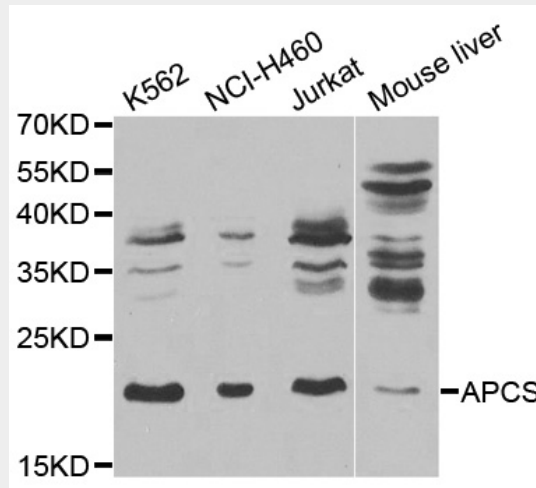
Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence analysis of HeLa cells using APCS antibody. Blue: DAPI.



Western blot analysis of extracts of various cell lines, using APCS antibody.

#### **APCS / Serum Amyloid P / SAP Antibody - Background**

Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells. May also function as a calcium-dependent lectin.

#### **APCS / Serum Amyloid P / SAP Antibody - References**

- Mantzouranis E.C., et al. *J. Biol. Chem.* 260:7752-7756(1985).
- Ohnishi S., et al. *J. Biochem.* 100:849-858(1986).
- Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
- Ebert L., et al. Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.
- Gregory S.G., et al. *Nature* 441:315-321(2006).