

**SLURP1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17649c****Specification**

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**SLURP1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P55000](#)**SLURP1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 57152**Other Names**

Secreted Ly-6/uPAR-related protein 1, SLURP-1, ARS component B, ARS(component B)-81/S, Anti-neoplastic urinary protein, ANUP, SLURP1, ARS

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SLURP1 Antibody (Center) Blocking Peptide - Protein Information****Name** SLURP1**Synonyms** ARS**Function**

Has an antitumor activity (PubMed:<a href="http://www.uniprot.org/citations/8742060" target="\_blank">8742060</a>). Was found to be a marker of late differentiation of the skin. Implicated in maintaining the physiological and structural integrity of the keratinocyte layers of the skin (PubMed:<a href="http://www.uniprot.org/citations/14721776" target="\_blank">14721776</a>, PubMed:<a href="http://www.uniprot.org/citations/17008884" target="\_blank">17008884</a>). In vitro down-regulates keratinocyte proliferation; the function may involve the proposed role as modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro inhibits alpha-7-dependent nAChR currents in an allosteric manner (PubMed:<a href="http://www.uniprot.org/citations/14506129" target="\_blank">14506129</a>, PubMed:<a href="http://www.uniprot.org/citations/26905431" target="\_blank">26905431</a>). In T cells may be involved in regulation of intracellular Ca(2+) signaling (PubMed:<a href="http://www.uniprot.org/citations/17286989" target="\_blank">17286989</a>). Seems to have an immunomodulatory function in the cornea (By similarity). The function may implicate a possible role as a scavenger receptor for PLAUI thereby blocking PLAUI-dependent functions of PLAUI such as in cell migration and proliferation (PubMed:<a

href="http://www.uniprot.org/citations/25168896" target="\_blank">25168896</a>).

**Cellular Location**

Secreted

**Tissue Location**

Granulocytes. Expressed in skin. Predominantly expressed in the granular layer of skin, notably the acrosyringium Identified in several biological fluids such as sweat, saliva, tears, plasma and urine.

**SLURP1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SLURP1 Antibody (Center) Blocking Peptide - Images****SLURP1 Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene is a member of the Ly6/uPAR family but lacks a GPI-anchoring signal sequence. It is thought that this secreted protein contains antitumor activity. Mutations in this gene have been associated with Mal de Meleda, a rare autosomal recessive skin disorder. This gene maps to the same chromosomal region as several members of the Ly6/uPAR family of glycoprotein receptors.

**SLURP1 Antibody (Center) Blocking Peptide - References**

Chernyavsky, A.I., et al. Am. J. Physiol., Cell Physiol. 299 (5), C903-C911 (2010) :Narumoto, O., et al. Biochem. Biophys. Res. Commun. 398(4):713-718(2010)Phan, T.C., et al. J. Periodont. Res. 45(3):331-336(2010)Davila, S., et al. Genes Immun. 11(3):232-238(2010)Wajid, M., et al. J. Dermatol. Sci. 56(1):27-32(2009)