



**Polyclonal Anti- Urokinase plasminogen activator surface receptor,  
PLAUR/uPAR (Sephadex Bead Conjugate)**

**Catalogue No.** PA1344-S

**Lot No.** 0131012024499

**Ig type:** rabbit IgG

**Size:** 100µg/vial

**Specificity**

Human, rat/.. No cross reactivity with other proteins.

**Recommended application**

(Immunoprecipitation (IP))

**Immunogen**

A synthetic peptide corresponding to a sequence at the C-terminal of Human PLAUR (290-304 aa), identical to the related mouse and rat sequence.

**Purification**

Immunogen affinity purified.

**Formulation**

50% slurry in PBS pH 7.2 with 0.01mg NaN<sub>3</sub> preservative.

**Storage**

Store at 4°C for frequent use.

**Description:**

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sephadex beads. It is useful for immunoprecipitation assays

**BACKGROUND**

The Urokinase plasminogen activator surface receptor, also known as uPA receptor or uPAR or PLAUR, is multidomain glycoprotein tethered to the cell membrane with a glycosylphosphatidylinositol (GPI) anchor. uPAR was originally identified as a saturable binding site for urokinase on the cell surface. The gene for the human urokinase receptor (PLAUR) is localized on chromosome 19. RBG-banding permitted subchromosomal localization of the PLAUR gene to 19q13.1. The urokinase-type plasminogen activator receptor (u-PAR) plays a central role in cell migration, growth, and invasion and is regulated, in part, transcriptionally. In mice, u-PAR expression is restricted to a few tissues, one of which is the colon.<sup>2</sup>

**REFERENCE**

1、Vagnarelli, P., Raimondi, E., Mazziere, R., De Carli, L., Mignatti, P. Assignment of the human urokinase receptor gene (PLAUR) to 19q13. Cytogenet. Cell Genet. 60: 197-199, 1992. 2、Wang, H., Yang, L., Jamaluddin, M. S., Boyd, D. D. The Kruppel-like KLF4 transcription factor, a novel regulator of urokinase receptor expression, drives synthesis of this binding site in colonic crypt luminal surface epithelial cells. J. Biol. Chem. 279: 22674-22683, 2004.

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**Contact:** Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: [Info@antageneinc.com](mailto:Info@antageneinc.com)