

**uPAR Antibody**  
**Purified Goat Polyclonal Antibody**  
**Catalog # ABV11531****Specification**

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**uPAR Antibody - Product Information**

Application	WB, IP, Neut
Primary Accession	<a href="#">Q03405</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Isotype	Goat IgG
Calculated MW	36978

**uPAR Antibody - Additional Information****Gene ID** 5329**Other Names**

Urokinase plasminogen activator receptor , PLAUR , uPAR , CD87 , MO3 , UPAR , URKR, Urokinase plasminogen activator surface receptor; U-PAR; uPAR; Monocyte activation antigen Mo3; CD\_antigen, CD87

**Target/Specificity**

uPAR

**Formulation**

100 µg (0.5 mg/ml) purified goat polyclonal antibody in 1X phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA and 0.01% thimerosal..

**Handling**

The antibody solution should be gently mixed before use.

**Background Descriptions****Precautions**

uPAR Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**uPAR Antibody - Protein Information****Name** PLAUR**Synonyms** MO3, UPAR**Function**

Acts as a receptor for urokinase plasminogen activator. Plays a role in localizing and promoting plasmin formation. Mediates the proteolysis-independent signal transduction activation effects of

U-PA. It is subject to negative-feedback regulation by U-PA which cleaves it into an inactive form.

**Cellular Location**

Cell membrane. Cell projection, invadopodium membrane Note=Colocalized with FAP (seprase) preferentially at the cell surface of invadopodia membrane in a cytoskeleton-, integrin- and vitronectin- dependent manner. [Isoform 2]: Secreted {ECO:0000250|UniProtKB:P49616}

**Tissue Location**

Expressed in neurons of the rolandic area of the brain (at protein level). Expressed in the brain

**uPAR 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](#)

**uPAR Antibody - Images****uPAR Antibody - Background**

uPAR (Urokinase plasminogen activator receptor) is a 55 kDa glycoprotein I-anchored surface receptor specific for urokinase plasminogen activator (uPA). Upon binding to uPAR, uPA converts the surface bound, large serum  $\beta$ -globulin, plasminogen to plasmin. Plasmin, which is also designated fibrinolysin, is a trypsin-like enzyme that acts on Arg-Lys bonds and induces pericellular proteolysis in fibrin and fibrinogen, and thereby contributes to the systematic activation of the coagulation cascade. uPA and uPAR are known to be overexpressed in mesenchymal and epithelial tumor cells and are required for tumor invasion and metastasis.