

**PLAUR Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5128**

### Specification

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#### PLAUR Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q03405</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=37,32 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

#### PLAUR Antibody (C-term) - Additional Information

**Gene ID** 5329

**Antigen Region**  
273-305

#### Other Names

Urokinase plasminogen activator surface receptor, U-PAR, uPAR, Monocyte activation antigen Mo3, CD87, PLAUR, MO3, UPAR

#### Dilution

WB~~1:1000  
IHC-P~~1:25

#### Target/Specificity

This PLAUR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 273-305 amino acids from the C-terminal region of human PLAUR.

#### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

PLAUR Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### PLAUR Antibody (C-term) - Protein Information

**Name** PLAUR

**Synonyms** MO3, UPAR

**Function**

Acts as a receptor for urokinase plasminogen activator (PubMed:<a href="http://www.uniprot.org/citations/15677461" target="\_blank">15677461</a>). 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**

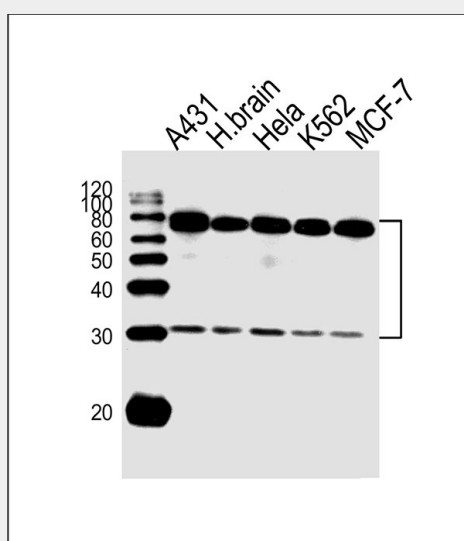
Expressed in neurons of the rolandic area of the brain (at protein level). Expressed in the brain

**PLAUR Antibody (C-term) - Protocols**

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

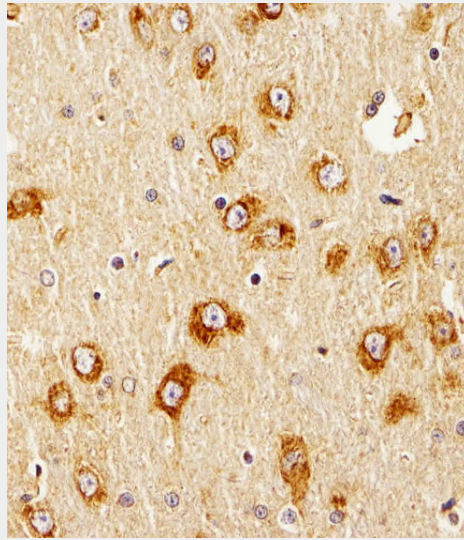
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PLAUR Antibody (C-term) - Images**

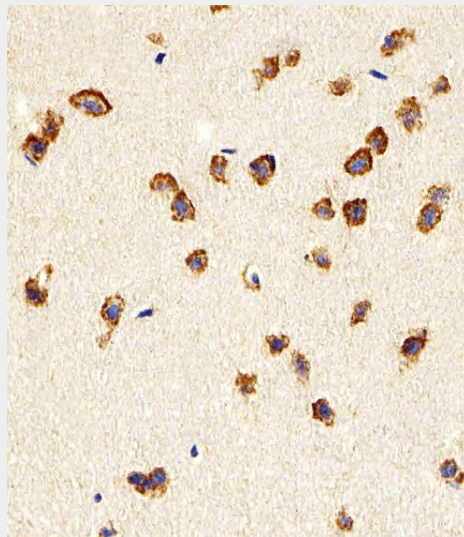


Western blot analysis of lysates from A431 cell line, human brain tissue, HeLa, K562, MCF-7 cell line (from left to right), using PLAUR Antibody (C-term) (Cat. #AW5128). AW5128 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary

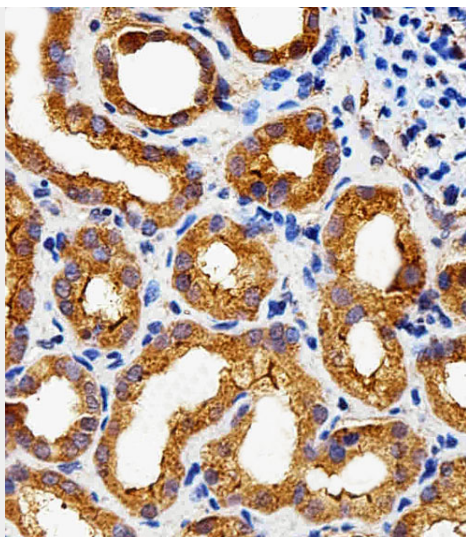
antibody.



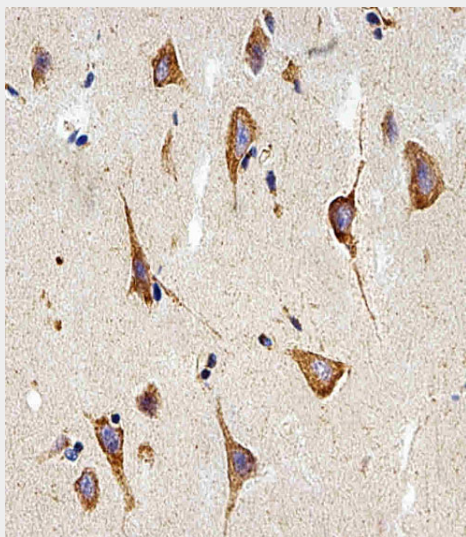
Immunohistochemical analysis of paraffin-embedded R. brain section using PLAUR Antibody (C-term)(Cat#AW5128). AW5128 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded M. brain section using PLAUR Antibody (C-term)(Cat#AW5128). AW5128 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded H. kidney section using PLAUR Antibody (C-term)(Cat#AW5128). AW5128 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded H. brain section using PLAUR Antibody (C-term)(Cat#AW5128). AW5128 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

#### **PLAUR Antibody (C-term) - Background**

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.

#### **PLAUR Antibody (C-term) - References**

Roldan A.L.,et al.EMBO J. 9:467-474(1990).  
Min H.Y.,et al.J. Immunol. 148:3636-3642(1992).  
Bayraktutan U.,et al.Biochem. Soc. Trans. 21:395-395(1993).  
Pyke C.,et al.FEBS Lett. 326:69-74(1993).  
Casey J.R.,et al.Blood 84:1151-1156(1994).