

PLAUR Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20579c

Product Information

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|--------------------------|------------------------|
| Application | WB, IHC-P, E |
| Primary Accession | Q03405 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB48625 |
| Calculated MW | 36978 |

Additional Information

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|---------------------------|--|
| Gene ID | 5329 |
| Other Names | Urokinase plasminogen activator surface receptor, U-PAR, uPAR, Monocyte activation antigen Mo3, CD87, PLAUR, MO3, UPAR |
| 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. |
| Dilution | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration. |
| 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. |

Protein Information

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|-----------------|--|
| Name | PLAUR |
| Synonyms | MO3, UPAR |
| Function | Acts as a receptor for urokinase plasminogen activator (PubMed: 15677461). 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

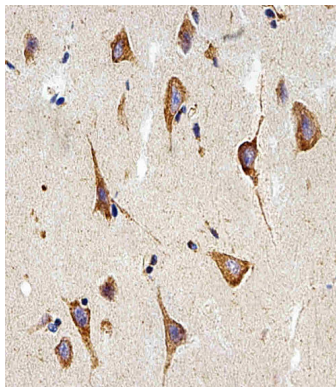
Background

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.

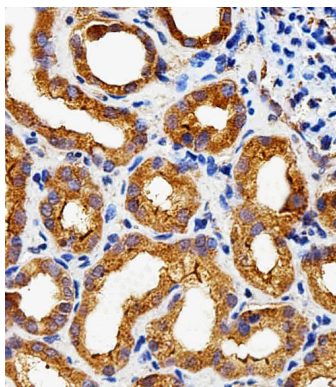
References

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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).

Images

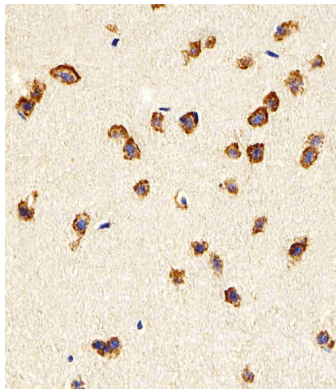


Immunohistochemical analysis of paraffin-embedded H. brain section using PLAUR Antibody (C-term)(Cat#AP20579c). AP20579c was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

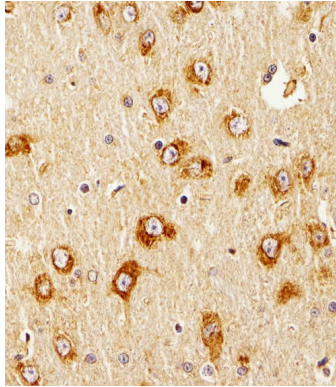


Immunohistochemical analysis of paraffin-embedded H. kidney section using PLAUR Antibody (C-term)(Cat#AP20579c). AP20579c was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

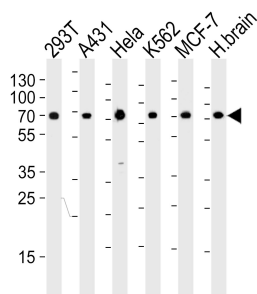
Immunohistochemical analysis of paraffin-embedded M. brain section using PLAUR Antibody (C-term)(Cat#AP20579c). AP20579c was diluted at 1:25



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 R. brain section using PLAUR Antibody (C-term)(Cat#AP20579c). AP20579c 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.



Western blot analysis of lysates from 293T, A431, HeLa, K562, MCF-7 cell line and human brain tissue lysate (from left to right), using PLAUR Antibody (C-term) (Cat. # AP20579c). AP20579c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.