

Goat Anti-U-PAR / CD87 Antibody (internal region)
Purified Goat Polyclonal Antibody
Catalog # AF4261a**Specification**

Goat Anti-U-PAR / CD87 Antibody (internal region) - Product Information

Application	WB
Primary Accession	Q03405
Other Accession	NP_002650.1 , NP_001005376.1 , NP_001005377.1
Reactivity	Human
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5
Calculated MW	36978

Goat Anti-U-PAR / CD87 Antibody (internal region) - Additional Information**Gene ID** 5329**Other Names**

PLAUR; plasminogen activator, urokinase receptor; CD87; U-PAR; UPAR; URKR; monocyte activation antigen Mo3; u-plasminogen activator receptor form 2; urokinase plasminogen activator surface receptor; urokinase-type plasminogen activator (uPA) receptor

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

Peptide with sequence C-RTGLKITSLTE , from the internal region of the protein sequence according to NP_002650.1; NP_001005376.1; NP_001005377.1.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-U-PAR / CD87 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-U-PAR / CD87 Antibody (internal region) - 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}

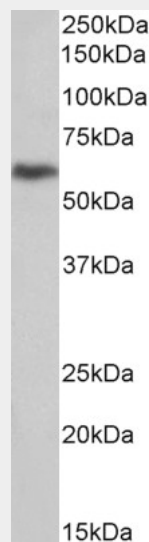
Tissue Location

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

Goat Anti-U-PAR / CD87 Antibody (internal region) - 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](#)

Goat Anti-U-PAR / CD87 Antibody (internal region) - Images

AF4261a (1 µg/ml) staining of U251 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-U-PAR / CD87 Antibody (internal region) - References

Targeting uPAR with antagonistic recombinant human antibodies in aggressive breast cancer. LeBeau AM, Duriseti S, Murphy ST, Pepin F, Hann B, Gray JW, VanBrocklin HF, Craik CS. Cancer research 2013 Apr 73 (7): 2070-81.