

## Anti-uPAR/PLAUR Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Cow,Sheep)
Molecular Weight:	Theoretical: 31 kDa. Actual: 48 kDa.
Purification:	Protein A purified

### Applications

1. Tissue/cell: mouse brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-uPA Receptor Polyclonal Antibody, Unconjugated (TMAB-01936) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.

2. Tissue/cell: mouse adrenal gland; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-uPA Receptor Polyclonal Antibody, Unconjugated (TMAB-01936) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.

#### Verified Activity:

#### 3. Sample:

Lane 1: Cerebrum (Mouse) Tissue Lysate at 40 µg

Lane 2: Cerebrum (Rat) Tissue Lysate at 40 µg

Primary: Anti-uPA Receptor (TMAB-01936) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31 kDa

Observed band size: 48 kDa

#### 4. Sample:

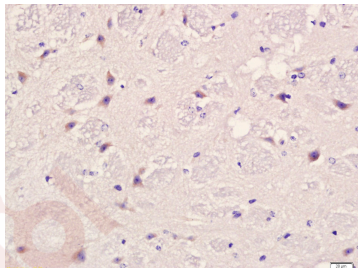
bone (Mouse) Lysate at 40 µg

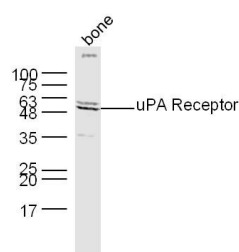
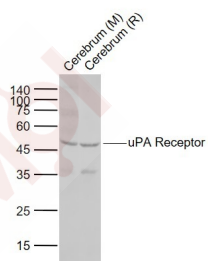
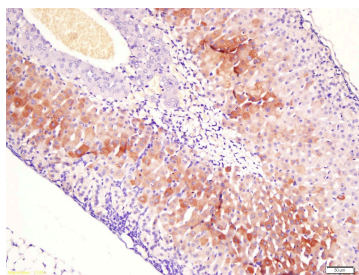
Primary: Anti-uPA Receptor (TMAB-01936) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31 kDa

Observed band size: 48 kDa





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human PLAUR

Antigen Species: Human

Gene ID: 5329

Uniprot ID: Q03405

Synonyms: uPAR;PLAUR;U-PAR;MO3;CD87

### Research Background

This gene encodes the receptor for urokinase plasminogen activator and, given its role in localizing and promoting plasmin formation, likely influences many normal and pathological processes related to cell-surface plasminogen activation and localized degradation of the extracellular matrix. It binds both the proprotein and mature forms of urokinase plasminogen activator and permits the activation of the receptor-bound pro-enzyme by plasmin. The protein lacks transmembrane or cytoplasmic domains and may be anchored to the plasma membrane by a glycosyl-phosphatidylinositol(GPI) moiety following cleavage of the nascent polypeptide near its carboxy-terminus. However, a soluble protein is also produced in some cell types. Alternative splicing results in multiple transcript variants encoding different isoforms. The proprotein experiences several post-translational cleavage reactions that have not yet been fully defined. [provided by RefSeq].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481