

Product datasheet for **TA323492S**

PLAUR Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A549 cells IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 23-305 amino acids of human plasminogen activator, urokinase receptor
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	plasminogen activator, urokinase receptor
Database Link:	NP_001005376 Entrez Gene 5329 Human Q03405



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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.

Synonyms:

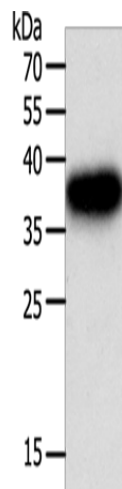
CD87; U-PAR; UPAR; URKR

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

Complement and coagulation cascades

Product images:

Gel: 10%SDS-PAGE

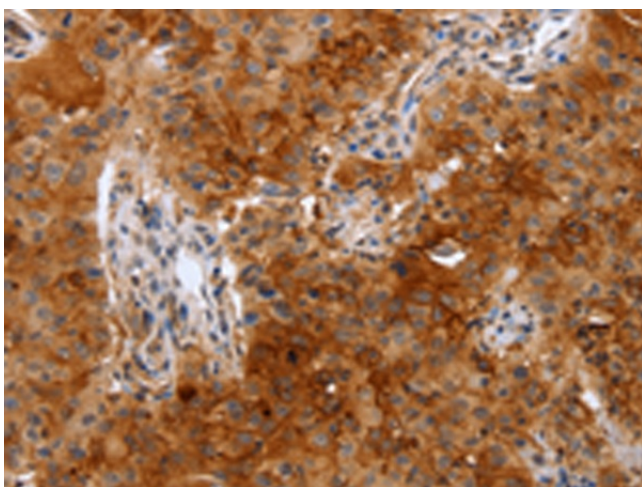
Lysate: 40 µg

Lane: A549 cells

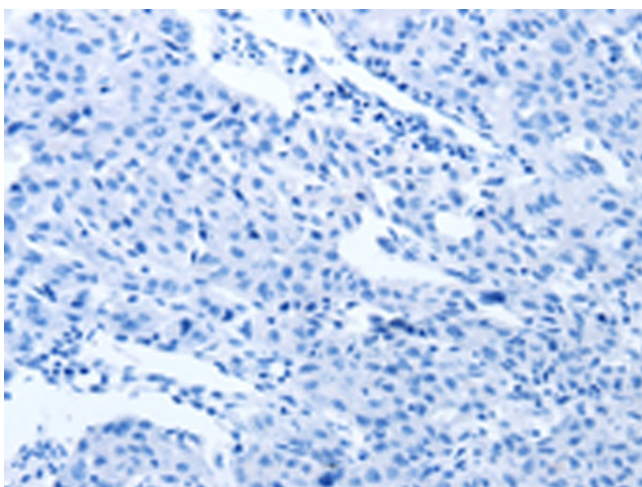
Primary antibody: [TA323492] (PLAUR Antibody)
at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

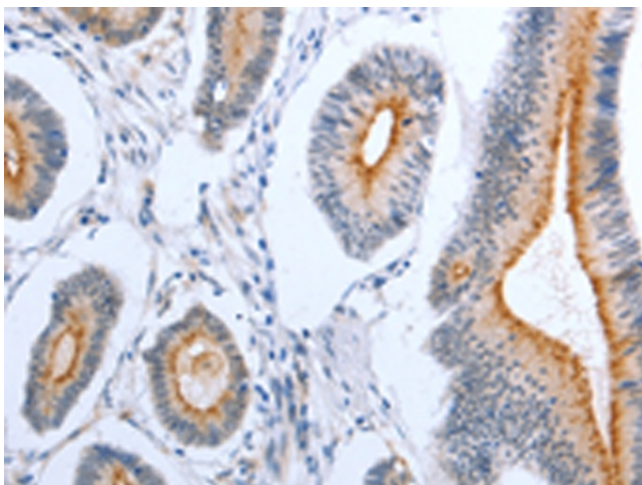
Exposure time: 3 seconds



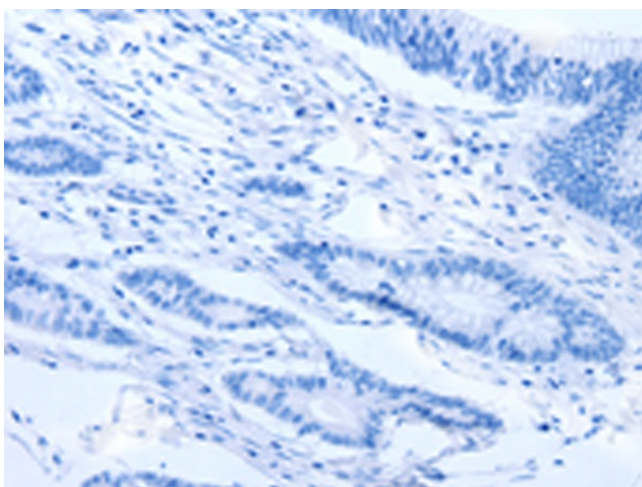
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA323492] (PLAUR Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA323492] (PLAUR Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA323492] (PLAUR Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA323492] (PLAUR Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)