

Anti-uPA Receptor/U-PAR antibody ab103791

★★★★☆ [4 Abreviews](#) [10 References](#) [3 Images](#)

Overview

Product name	Anti-uPA Receptor/U-PAR antibody
Description	Rabbit polyclonal to uPA Receptor/U-PAR
Host species	Rabbit
Tested applications	Suitable for: WB, ICC
Species reactivity	Reacts with: Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

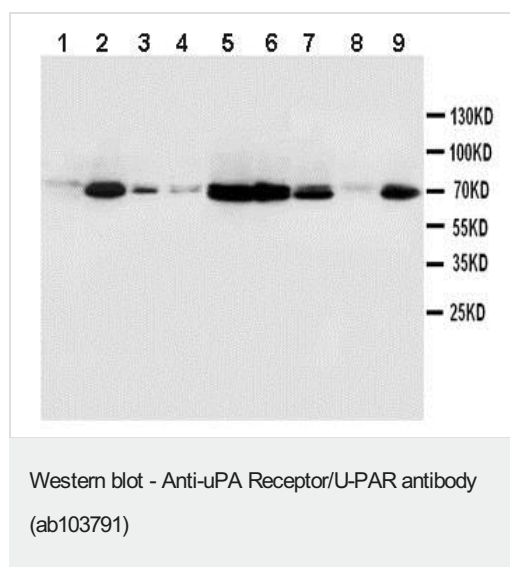
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab103791 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (2)	Use a concentration of 1 µg/ml. Predicted molecular weight: 37 kDa.
ICC		Use a concentration of 1 µg/ml.

Target

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.
Tissue specificity	Expressed in neurons of the rolandic area of the brain (at protein level). Expressed in the brain.
Sequence similarities	Contains 3 UPAR/Ly6 domains.
Cellular localization	Secreted and Cell membrane.

Images



All lanes : Anti-uPA Receptor/U-PAR antibody (ab103791) at 1 µg/ml

Lane 1 : Human placenta tissue lysate

Lane 2 : Rat brain tissue lysate

Lane 3 : Rat thymus tissue lysate

Lane 4 : Rat heart tissue lysate

Lane 5 : MCF7 whole cell lysate

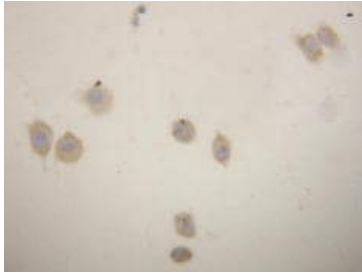
Lane 6 : SMMC whole cell lysate

Lane 7 : HeLa whole cell lysate

Lane 8 : Raji whole cell lysate

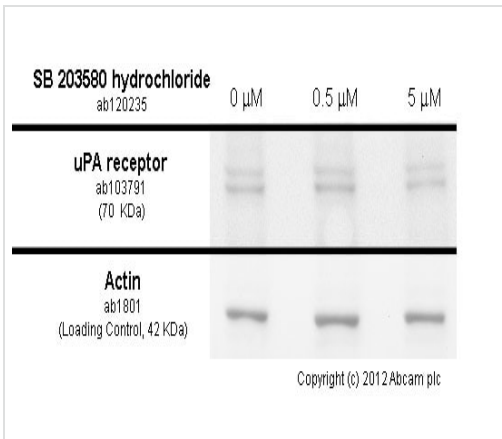
Lane 9 : Colo320 whole cell lysate

Predicted band size: 37 kDa



Immunocytochemistry - Anti-uPA Receptor/U-PAR antibody (ab103791)

ab103791, at 1µg/ml, staining uPA Receptor/U-PAR in MCF7 cells by Immunocytochemistry.



Western blot - Anti-uPA Receptor/U-PAR antibody (ab103791)

MDA-MB-231 cells were incubated at 37°C for 24h with vehicle control (0 µM) and varied concentrations of SB 203580 hydrochloride (**ab120235**). Decreased expression of uPA receptor/U-PAR in MDA-MB-231 cells correlates with an increase in SB 203580 hydrochloride concentration, as described in literature.

Whole cell lysates were prepared with RIPA buffer (containing protease inhibitors and sodium orthovanadate), 10µg of each were loaded on the gel and the WB was run under reducing conditions. After transfer the membrane was blocked for an hour using 5% BSA before being incubated with ab103791 at 1 µg/ml and **ab1801** at 1 µg/ml overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP (**ab97051**) at 1/10000 dilution and visualised using ECL development solution.

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