

# AB-NN355-1 UT-A1 Antibody

Pan-specific polyclonal antibody for monitoring the expression of rat UT-A1



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## Target Protein

<b>Name Long:</b>	Urea transporter 2 (UT-A1)
<b>Alias:</b>	SLC14A2, FLJ16167, hUT-A6, HUT2, kidney, MGC119566, MGC119567, Slc14a2, Solute carrier family 14 (urea transporter), member 2, Solute carrier family 14 member 2, Urea transporter 2, Urea transporter, Urea transporter kidney, UT-A2, UT2, UT2_HUMAN, UTA, UTR, UT1, UTA1
<b>UniProt ID:</b>	Q62668 - Rat
<b>Human Predicted Mass (KDa):</b>	101.209 (920 AA; Q15849-1); 43.395 (397 AA; Q15849-2)
<b>Observed SDS-PAGE Mass (KDa):</b>	97 + 127

## Immunogen

<b>Antibody Immunogen Source:</b>	Produced against a synthetic peptide mapped to the C-terminal tail (amino acids 911-929) of rat UT-A1 (antibody designation L194)
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## Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	40 Mix
<b>Antibody Purification:</b>	Affinity purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

## Applications

<b>Product Use:</b>	WB   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Rat   Mouse
<b>Antibody Positive Control:</b>	1 µg/ml of SPC-406 was sufficient for detection of UT-A1 in 20 µg of rat kidney tissue lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects ~97 and 127 kDa proteins.

This product is for in vitro research use only and is not intended for use in humans or animals.

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