

Datasheet for ABIN633391 **anti-AUH antibody (C-Term)**

2 Images



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Overview

Quantity:	100 µL
Target:	AUH
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AUH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	AUH antibody was raised using the C terminal of AUH corresponding to a region with amino acids IGMSLAKELIFSARVLDGKEAKAVGLISHVLEQNQEGDAAYRKALDLARE
Specificity:	AUH antibody was raised against the C terminal of AUH
Purification:	Affinity purified

Target Details

Target:	AUH
Alternative Name:	AUH (AUH Products)
Background:	AU-specific RNA-binding enoyl-CoA hydratase (AUH) protein binds to the AU-rich element (ARE), a common element found in the 3' UTR of rapidly decaying mRNA such as c-fos, c-myc and granulocyte/ macrophage colony stimulating factor. ARE elements are involved in directing

Target Details

RNA to rapid degradation and deadenylation. AUH is also homologous to enol-CoA hydratase, an enzyme involved in fatty acid degradation, and has been shown to have intrinsic hydratase enzymatic activity. AUH is thus a bifunctional chimera between RNA binding and metabolic enzyme activity.

Molecular Weight: 37 kDa (MW of target protein)

Application Details

Application Notes: WB: 0.25 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: AUH Blocking Peptide, catalog no. 33R-3974, is also available for use as a blocking control in assays to test for specificity of this AUH antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of AUH antibody in PBS

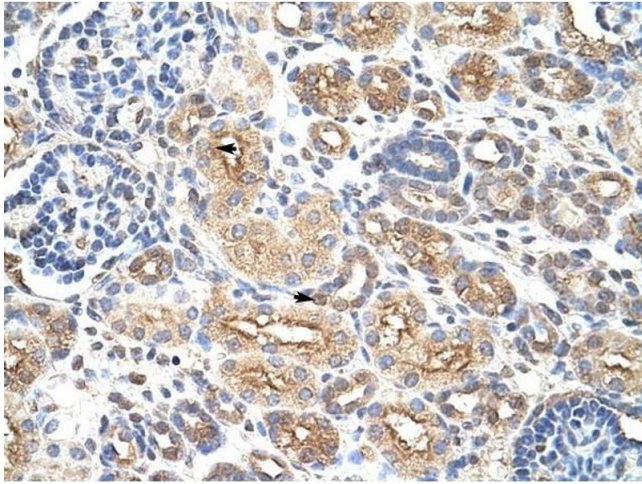
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

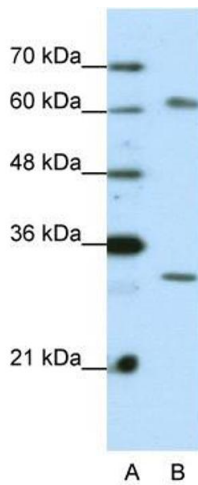
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Immunohistochemistry

Image 1. AUH antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Western Blotting

Image 2. AUH antibody used at 0.25 ug/ml to detect target protein.