

Datasheet for ABIN631758
anti-PSAT1 antibody (N-Term)

3 Images



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PSAT1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	PSAT1 antibody was raised using the N terminal of PSAT1 corresponding to a region with amino acids ADYVVTGAWSAKAAEEAKKFGTINIVHPKLGSYTKIPDPSTWNLNPDASY
Specificity:	PSAT1 antibody was raised against the N terminal of PSAT1
Purification:	Affinity purified

Target Details

Target:	PSAT1
Alternative Name:	PSAT1 (PSAT1 Products)
Background:	PSAT1 is likely a phosphoserine aminotransferase, based on similarity to proteins in mouse, rabbit, and Drosophila.

Target Details

Molecular Weight: 40 kDa (MW of target protein)

Pathways: [Warburg Effect](#)

Application Details

Application Notes: WB: 1 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: PSAT1 Blocking Peptide, catalog no. 33R-1111, is also available for use as a blocking control in assays to test for specificity of this PSAT1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PSAT1 antibody in PBS

Concentration: Lot specific

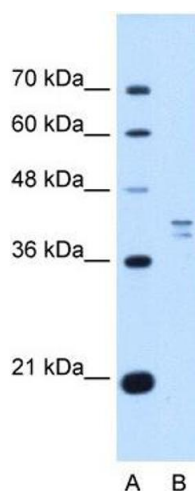
Buffer: PBS

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

Storage: 4 °C/-20 °C

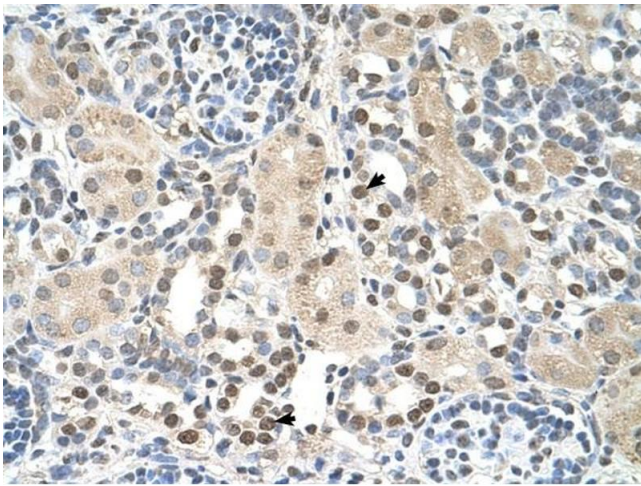
Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



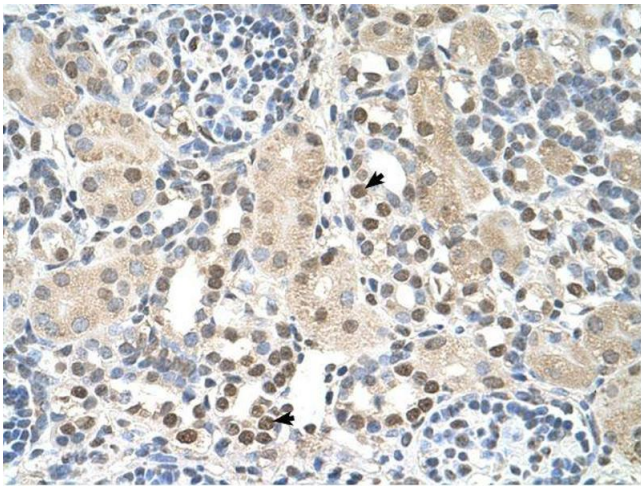
Western Blotting

Image 1. PSAT1 antibody used at 1 µg/ml to detect target protein.



Immunohistochemistry

Image 2. PSAT1 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



Immunohistochemistry

Image 3. PSAT1 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X