

Datasheet for ABIN629598
anti-CBS antibody (N-Term)



[Go to Product page](#)

3 Images

1 Publication

Overview

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

Product Details

Immunogen:	CBS antibody was raised using the N terminal of CBS corresponding to a region with amino acids RCIIVMPEKMSSEKVDVLRALGAEIVRTPTNARFDSPESHVGVAVRLKNE
Specificity:	CBS antibody was raised against the N terminal of CBS
Purification:	Purified

Target Details

Target:	CBS
Alternative Name:	CBS (CBS Products)
Background:	CBS is involved in the transsulfuration pathway. The first step of this pathway, from homocysteine to cystathionine, is catalyzed by this protein. CBS deficiency can cause homocystinuria which affects many organs and tissues, including the eyes and the skeletal,

Target Details

vascular and central nervous systems.

Molecular Weight: 60 kDa (MW of target protein)

Application Details

Application Notes: WB: 1.25 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: CBS Blocking Peptide, catalog no. 33R-7836, is also available for use as a blocking control in assays to test for specificity of this CBS antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

Concentration: Lot specific

Buffer: PBS

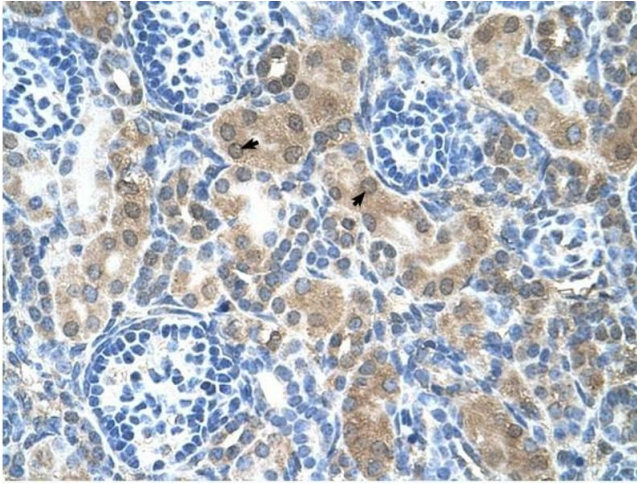
Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

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

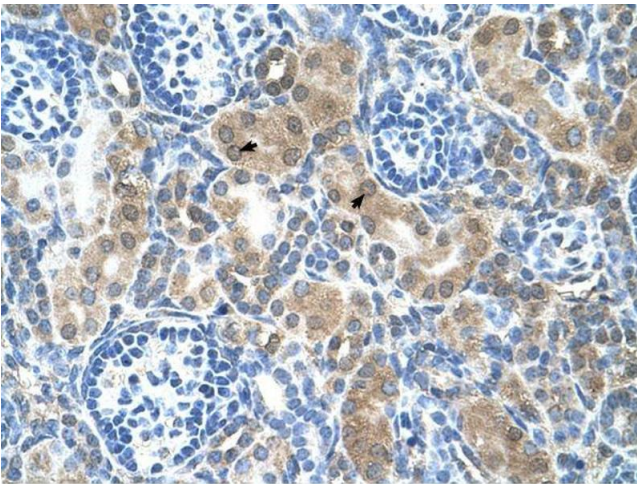
Publications

Product cited in: Veerareddy, Dao, Yun, Stokes, Disbrow, Kevil, Cvek, Trutschl, Kilgore, Ramanathan, Zivadinov, Alexander: "Dysregulated Sulfide Metabolism in Multiple Sclerosis: Serum and Vascular Endothelial Inflammatory Responses." in: **Pathophysiology : the official journal of the International Society for Pathophysiology**, Vol. 29, Issue 3, pp. 570-582, (2022) ([PubMed](#)).



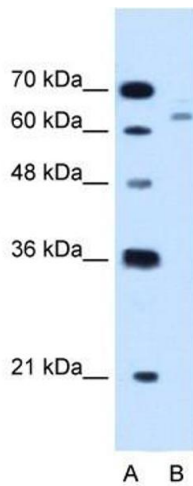
Immunohistochemistry

Image 1. CBS 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 2. CBS antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X



Western Blotting

Image 3. CBS antibody used at 1.25 ug/ml to detect target protein.