

Datasheet for ABIN655728
anti-CSAD antibody (AA 197-226)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	CSAD
Binding Specificity:	AA 197-226
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSAD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CSAD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 197-226 amino acids from the Central region of human CSAD.
Clone:	RB19241
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CSAD
Alternative Name:	CSAD (CSAD Products)
Background:	Cysteine sulfinic acid decarboxylase (CSAD) catalyses the penultimate and rate limiting step of

Target Details

taurine synthesis. Taurine is an amino sulphonic acid and is one of the most abundant amino acids in the brain. It has been found to be essential to a number of biological processes such as development of the brain and eye, reproduction, diabetes, osmoregulation as well as the anti-inflammatory activity of leukocytes.

Molecular Weight: 55023

Gene ID: 51380

NCBI Accession: [NP_001231634](#), [NP_057073](#)

UniProt: [Q9Y600](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

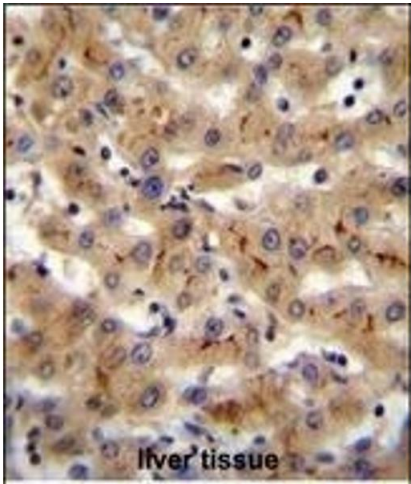
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

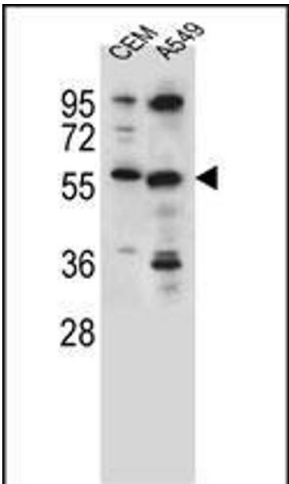
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CSAD Antibody (Center) (ABIN655728 and ABIN2845175) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CSAD Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. CSAD Antibody (Center) (ABIN655728 and ABIN2845175) western blot analysis in CEM, A549 cell line lysates (35 µg/lane). This demonstrates the CSAD antibody detected the CSAD protein (arrow).