

CSAD Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54636**Specification**

CSAD Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O9Y600
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55023

CSAD Polyclonal Antibody - Additional Information**Gene ID** 51380**Other Names**

Cysteine sulfinic acid decarboxylase, 4.1.1.29, Cysteine-sulfinic acid decarboxylase, Sulfinoalanine decarboxylase, CSAD, CSD

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

CSAD Polyclonal Antibody - Protein Information**Name** CSAD**Synonyms** CSD**Function**

Catalyzes the decarboxylation of L-aspartate, 3-sulfino-L- alanine (cysteine sulfinic acid), and L-cysteate to beta-alanine, hypotaurine and taurine, respectively. The preferred substrate is 3-sulfino-L-alanine. Does not exhibit any decarboxylation activity toward glutamate.

Tissue Location

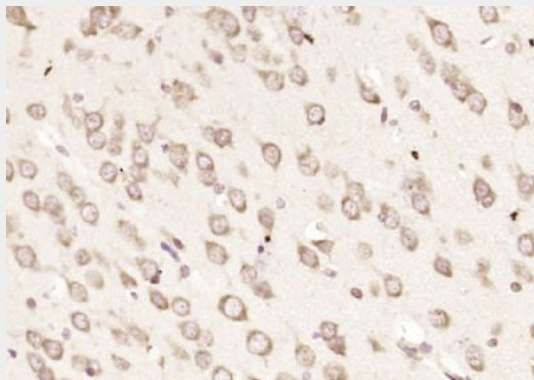
Expressed in liver and brain. Also expressed in both astrocytes and neurons, but lower levels are expressed in astrocytes.

CSAD Polyclonal Antibody - Protocols

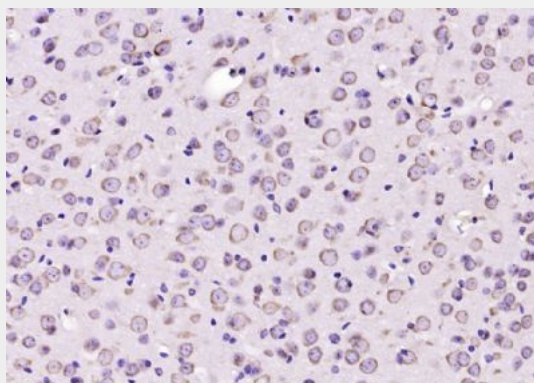
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CSAD Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CSAD) Polyclonal Antibody, Unconjugated (bs-11822R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CSAD) Polyclonal Antibody, Unconjugated (bs-11822R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.