



# CSAD mouse mAb

Catalog No	BYmab-12334
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	CSAD CSD
Protein Name	CSAD
Immunogen	Synthesized peptide derived from human CSAD AA range: 195-245
Specificity	This antibody detects endogenous levels of CSAD at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	
Tissue Specificity	Expressed in liver and brain. Also expressed in both astrocytes and neurons, but lower levels are expressed in astrocytes.
Function	catalytic activity:3-sulfinyl-L-alanine = hypotaurine + CO(2).,cofactor:Pyridoxal phosphate.,pathway:Organosulfur biosynthesis; taurine biosynthesis; hypotaurine from L-cysteine: step 2/2.,similarity:Belongs to the group II decarboxylase family.,subunit:Homodimer.,
Background	This gene encodes a member of the group 2 decarboxylase family. A similar protein in rodents plays a role in multiple biological processes as the rate-limiting enzyme in taurine biosynthesis, catalyzing the decarboxylation of cysteinesulfinate to hypotaurine. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011],

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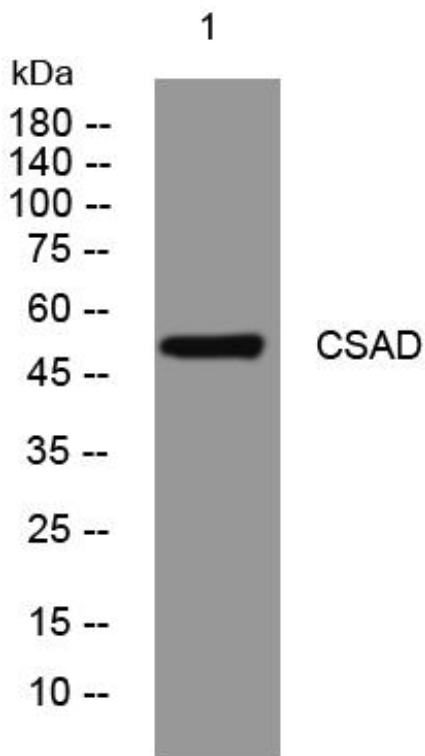
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using CSAD mouse mAb

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