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Datasheet for ABIN1393532  
**anti-CSAD antibody (AA 401-493) (FITC)**

### Overview

Quantity:	100 µL
Target:	CSAD
Binding Specificity:	AA 401-493
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSAD antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CSAD
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	CSAD
Alternative Name:	CSAD ( <a href="#">CSAD Products</a> )

## Target Details

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Background: Synonyms: CSAD, CSAD\_HUMAN, CSD, Cysteine sulfinic acid decarboxylase, Cysteine-sulfinate decarboxylase, Sulfinoalanine decarboxylase.

Background: CSAD is a 493 amino acid protein that exists as a homodimer and belongs to the group II decarboxylase family. CSAD catalyzes the conversion of 3-sulfinyl-L-alanine to hypotaurine and carbon dioxide, binds pyridoxal phosphate as a cofactor and undergoes alternative splicing to produce three isoforms. The gene encoding CSAD maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5 % of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders.

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Gene ID: 51380

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months