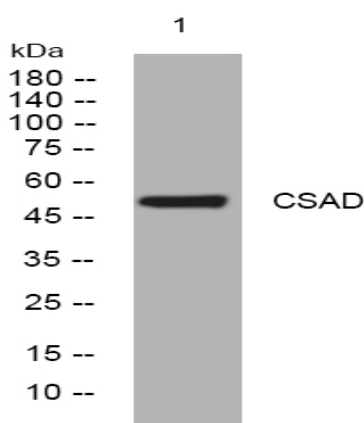


CSAD rabbit pAb

Catalog No :	YT7700
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	CSAD
Fields :	>>beta-Alanine metabolism;>>Taurine and hypotaurine metabolism;>>Pantothenate and CoA biosynthesis;>>Metabolic pathways
Gene Name :	CSAD CSD
Protein Name :	CSAD
Human Gene Id :	51380
Human Swiss Prot No :	Q9Y600
Mouse Gene Id :	246277
Mouse Swiss Prot No :	Q9DBE0
Rat Gene Id :	60356
Rat Swiss Prot No :	Q64611
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 :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	54kD
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],
Function :	catalytic activity:3-sulfino-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.,
Expression :	Expressed in liver and brain. Also expressed in both astrocytes and neurons, but lower levels are expressed in astrocytes.

Products Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night