



Anti-CSAD (aa 1-98) polyclonal antibody (DPAB-DC2163)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	CSAD (NP_057073, 1 a.a. ~ 98 a.a) partial recombinant protein with GST tag. The sequence is MADSEALPSLAGDPVAVEALLRAVFGVVDEAIQKGTSVSQKVCEWKEPEELKQLLDLEL RSQGESQKQILERCRAVIRYSVKTGHPRFFNQLFSGLD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CSAD cysteine sulfinate acid decarboxylase [Homo sapiens (human)]
------------------	---

Official Symbol	CSAD
Synonyms	CSAD; cysteine sulfenic acid decarboxylase; CSD; PCAP; sulfinoalanine decarboxylase; cysteine-sulfinate decarboxylase; P-selectin cytoplasmic tail-associated protein; cysteine sulfenic acid decarboxylase-related protein;
Entrez Gene ID	51380
Protein Refseq	NP_001231634
UniProt ID	A0A024RAX7
Chromosome Location	12q13.11-q14.3
Pathway	Degradation of cysteine and homocysteine; Metabolism of amino acids and derivatives; Taurine and hypotaurine metabolism; Trans-sulfuration pathway
Function	pyridoxal phosphate binding; sulfinoalanine decarboxylase activity;
