

Datasheet for ABIN6293759

anti-serine Dehydratase antibody[Go to Product page](#)**1** Image

Overview

Quantity:	20 µL
Target:	serine Dehydratase (SDS)
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This serine Dehydratase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human SDS
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	serine Dehydratase (SDS)
Alternative Name:	SDS (SDS Products)
Background:	This gene encodes one of three enzymes that are involved in metabolizing serine and glycine. L-serine dehydratase converts L-serine to pyruvate and ammonia and requires pyridoxal phosphate as a cofactor. The encoded protein can also metabolize threonine to NH ₄ ⁺ and 2-ketobutyrate. The encoded protein is found predominantly in the liver.
Molecular Weight:	34.625 kDa

Target Details

Gene ID:	10993
UniProt:	P20132
Pathways:	Ribonucleoprotein Complex Subunit Organization , Ribosome Assembly

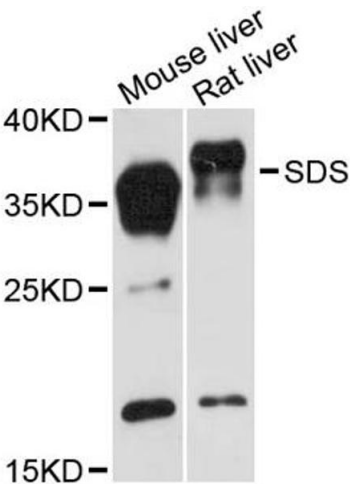
Application Details

Application Notes:	WB 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SDS antibody (ABIN6293759) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.