

Datasheet for ABIN2776892

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

Overview

Quantity:	100 µL
Target:	serine Dehydratase (SDS)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This serine Dehydratase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SDS
Sequence:	KITSVAKALG VKTVGAQALK LFQEHPIFSE VISDQEAVAA IEKFVDDEKI
Predicted Reactivity:	Cow: 93%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SDS. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	serine Dehydratase (SDS)
Alternative Name:	SDS (SDS Products)

Target Details

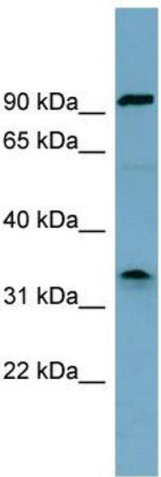
Background:	This gene encodes one of three enzymes that are involved in metabolizing serine and glycine. L-serine dehydratase converts L-serine to pyruvate and ammonia and requires pyridoxal phosphate as a cofactor. The encoded protein can also metabolize threonine t Alias Symbols: SDH Protein Size: 328
Molecular Weight:	34 kDa
Gene ID:	10993
NCBI Accession:	NM_006843 , NP_006834
UniProt:	P20132
Pathways:	Ribonucleoprotein Complex Subunit Organization , Ribosome Assembly

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 328 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-SDS Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HT1080 cell lysate