

DNAxPAb

Hard-to-Find
Antibody

SDS DNAxPab

Catalog # H00010993-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SDS DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MMSGEP LHVKTPIRDSMALSKMAGTSVY LKMDSAQPSGSFKIRGIGHFCKRWAKQGCAHFVCS AGNAGMAAAYAARQLGVPATVVPSTTPALTIERLKNEGATVKVVGELLDEAFELAKALAKNNPG WVYIPPFDDPLIWEGHASVMKELKETLWEKPGAIALSVGGGGLLCGVVQGLQEVGWGDVPVIAME TFGAHSFHAATTAGKLVSLPKITSVAKALGVKTVGAQALKLFQEHPFSEVISDQEAVAAIEKFVDD EKILVEPACGAALAAVYSHVIQKLQLEGNLRTPLPSLVVIVCGGSNISLAQLRALKEQLGMTNRLPK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SDS

Entrez GeneID [10993](#)**GeneBank Accession#** [NM_006843.2](#)**Protein Accession#** [NP_006834.2](#)**Gene Name** SDS**Gene Alias** SDH**Gene Description** serine dehydratase**Omim ID** [182128](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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 NH₄⁺ and 2-ketobutyrate. The encoded protein is found predominantly in the liver. [provided by RefSeq]

Other Designations L-serine ammonia-lyase|L-serine deaminase|L-serine dehydratase

Pathway

- [Cysteine and methionine metabolism](#)
- [Glycine](#)
- [Metabolic pathways](#)

Disease

- [Diabetes Mellitus](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)