# antibodies .- online.com





# anti-PDSS1 antibody (AA 1-183) (HRP)



Go to Product page

$\sim$	
( )\/△	rview
$\cup$	1 410 44

Quantity:	100 μg
Target:	PDSS1
Binding Specificity:	AA 1-183
Reactivity:	Mycobacterium smegmatis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDSS1 antibody is conjugated to HRP
Application:	ELISA

#### **Product Details**

Immunogen:	Recombinant Mycobacterium smegmatis DNA protection during starvation protein (1-183AA)
Isotype:	IgG
Cross-Reactivity:	Mycobacterium smegmatis
Purification:	>95%, Protein G purified

# Target Details

Target:	PDSS1
Alternative Name:	dps (PDSS1 Products)
Background:	Background: Protects DNA from oxidative damage by sequestering intracellular Fe(2+) ion and storing it in the form of Fe(3+) oxyhydroxide mineral. One hydrogen peroxide oxidizes two

## **Target Details**

Fe(2+) ions, which prevents hydroxyl radical production by the Fenton reaction (By similarity). It protects DNA from hydroxyl radical-mediated cleavage. Binds DNA with no apparent sequence specificity without self-aggregation nor promotion of DNA condensation. Is unable to protect DNA from DNase-mediated cleavage.

Aliases: dpsDNA protection during starvation protein antibody, EC 1.16.-.- antibody

UniProt:

P0C558

## **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.