

## Sod2 polyclonal antibody (ATTO 390)

Catalog # PAB28983

Size 100 ug

### Applications

#### Application Data with Unconjugated Antibody

##### Western Blot (Tissue lysate)

□

Western blot analysis of rat tissue lysates with Sod2 polyclonal antibody (PAB28982) at 1:1000 dilution.

#### Application Data with Unconjugated Antibody

##### Immunofluorescence

□

Immunofluorescent staining of Bouin fixed paraffin-embedded backskin sections of transgenic mice with Sod2 polyclonal antibody (PAB28982).

### Specification

**Product Description**

Rabbit polyclonal antibody raised against Recombinant of Sod2.

**Immunogen**

Recombinant protien corresponding rat Sod2.

**Host**

Rabbit

**Reactivity**

Bovine, Chicken, Dog, Fruit fly, Guinea pig, Hamster, Human, Monkey, Mouse, Pig, Rabbit, Rat, Sheep, Xenopus

**Specificity**

Detects a ~25 kDa protein corresponding to the molecular mass of Mn superoxide dismutase (SOD) on SDS PAGE immunoblots.

**Form**

Liquid

**Conjugation**

ATTO 390

<b>Purification</b>	Antigen affinity purification
<b>Recommend Usage</b>	ELISA Immunofluorescence Immunohistochemistry Immunoprecipitation Western blot (0.5 ug/ml) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Application Data with Unconjugated Antibody Western Blot (Tissue lysate) Western blot analysis of rat tissue lysates with Sod2 polyclonal antibody (PAB28982) at 1:1000 dilution. Immunofluorescence Immunofluorescent staining of Bouin fixed paraffin-embedded backskin sections of transgenic mice with Sod2 polyclonal antibody (PAB28982).

## Applications

- Western Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — Sod2

<b>Entrez GeneID</b>	<a href="#">24787</a>
<b>Protein Accession#</b>	<a href="#">P07895</a>
<b>Gene Name</b>	Sod2
<b>Gene Alias</b>	-
<b>Gene Description</b>	superoxide dismutase 2, mitochondrial

**Gene Ontology**[Hyperlink](#)**Gene Summary**

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**Other Designations**

Superoxide dimutase 2, mitochondrial|superoxide dismutase 2