

## SOD3 Rabbit pAb (AR20106)

### Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, ELISA
Isotype:	IgG
MW:	26kD (Calculated)

### Recommended Dilution Ratios

WB:	1:500-2000
IHC:	1:50-300
ELISA:	1:2000-20000
Storage	-15°C to -25°C/1 year (Do not lower than -25°C)

### Basic Information

Clonality	Polyclonal
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### Immunogen Information

Specificity	This antibody detects endogenous levels of SODE at Human/Mouse/Rat
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### Target Information

Gene name	SOD3
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Protein Name	SODE
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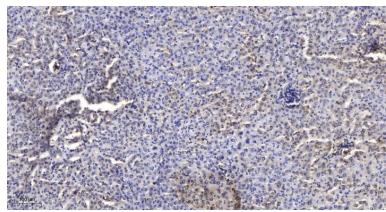
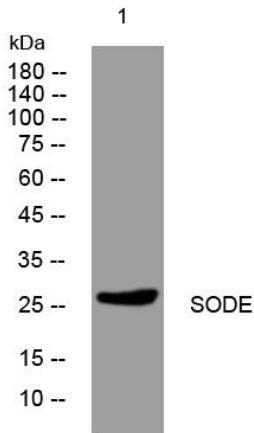
Organism	Gene ID	UniProt ID
Human	6649	P08294
Mouse	20657	O09164
Rat	25352	Q08420

Cellular Localization	Secreted, extracellular space. Golgi apparatus, trans-Golgi network . 99% of EC-SOD is anchored to heparan sulfate proteoglycans in the tissue interstitium, and 1% is located in the vasculature in equilibrium between the plasma and the endothelium.
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Tissue specificity

Expressed in blood vessels, heart, lung, kidney and placenta. Major SOD isoenzyme in extracellular fluids such as plasma, lymph and synovial fluid.

## Validation Data



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