

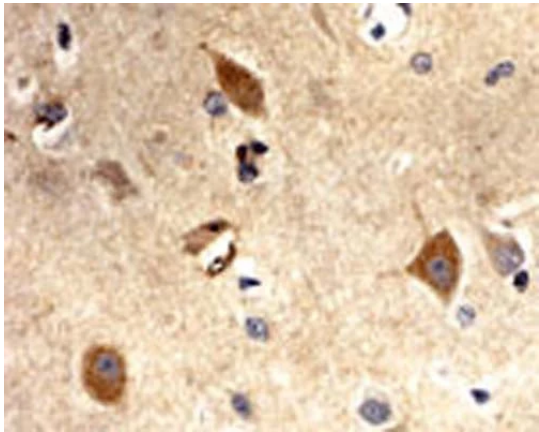
Anti-Superoxide dismutase 1 (SOD1) Antibody



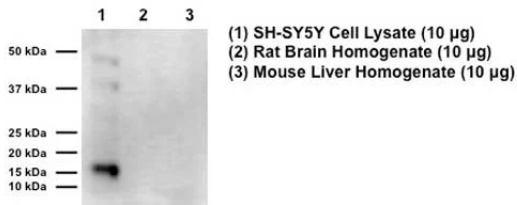
Product Details

Available Variants	100 µL (SKU:R-168-100)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Rabbit
Format	Whole serum
Physical State	Lyophilized
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:1000-1:4000 IHC: 1:100-1:1000
Species Reactivity	Human
Immunogen	A peptide (HEKADDLGKGGNEESTKTG) corresponding to the amino acids 121-139 of human superoxide dismutase (SOD1) conjugated to diphtheria toxin has been used as the immunogen.
Specificity	This antibody has been shown to be specific for superoxide dismutase (SOD1) protein. Human. Does not detect mouse and rat SOD1.
Storage	Spin vial briefly before opening. Reconstitute in 100 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution keep aliquots at -20°C for a higher stability, and at 2-8°C with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles. Glycerol (1:1) may be added for an additional stability.
UniProt ID	P00441
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).

Product Images



Immunohistochemical detection (DAB staining) of superoxide dismutase (SOD1) in paraffin embedded human brain tissue using Rabbit antibody to superoxide dismutase (SOD1; 121-139): whole serum (R-168-100) at a dilution of 1: 100 incubated overnight. Secondary antibody was biotinylated goat anti-rabbit used at a dilution of 1: 3000 together with Vector ABC. This antibody labels neurons and some glial cells in human brain tissue. Other tissues have not yet been tested.



Detection of SOD1 protein (16 kDa) in SH-SY5Y cell lysates with R-168-100. This antibody does not detect SOD1 in mouse and rat tissue samples. Proteins were separated by reduced SDS-PAGE, transferred to nitrocellulose membrane. Blots were incubated with R-168-100 at 1:1000 dilution using an anti-rabbit-HRP conjugate (1:10000) as secondary antibody.

Product Page URL: www.antibodiesinc.com/products/anti-superoxide-dismutase-1-sod1-antibody-r-168-100

