

## Product Datasheet

### A set of 7 antibodies against SOD1 - superoxide dismutase 1, soluble GRP13177

<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Depends upon specific SOD1 antibody
<b>Tested Applications</b>	WB
<b>Immunogen</b>	KLH-conjugated synthetic peptides were used to elicit various antibodies in this set: , amino acids: 03-20, 24-39,43-57,58-72, 80-96, 100-115, 131-153 derived from human SOD1 protein sequence P00441
<b>Form/Appearance</b>	Lyophilized
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
<b>Note</b>	For research use only.
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>MW</b>	15.9 kDa
<b>Uniprot ID</b>	P00441
<b>Dilution Range</b>	1 : 10 000-1 : 50 000 (WB)
<b>Application Notes</b>	Additional Information: Peptide used to elicit this antibody is not conserved in SOD2,3 and 4.For respective detection images please, refer to product information sheets for SOD1 antibodies listed under "related products" Background: SOD1 [Cu-Zn] (EC=1.15.1.1) is a cytoplasm localized oxidoreductase which destroys radicals normally produced within the cells and toxic to biological systems. Alternative names: SOD, soluble, indophenoloxidase A, Cu/Zn superoxide dismutase, superoxide dismutase, cytosolicThis set contains the following antibodies:AS09 534   Anti-SOD1 aa 03-20   superoxide dismutase 1, soluble, rabbit antibodiesAS09 535   Anti-SOD1 aa 24-39   superoxide dismutase 1, soluble, rabbit antibodiesAS09 536   Anti-SOD1 aa 43-57   superoxide dismutase 1, soluble, rabbit antibodiesAS09 537   Anti-SOD1 aa 58-72   superoxide dismutase 1, soluble, rabbit antibodiesAS09 538   Anti-SOD1 aa 80-96   superoxide dismutase 1, soluble, rabbit antibodiesAS09 539   Anti-SOD1 aa 100-115   superoxide dismutase 1, soluble, rabbit antibodiesAS09 540   Anti-SOD1 aa 100-115   superoxide dismutase 1, soluble, rabbit antibodies Reconstitution: For reconstitution add sterile water according to the instructions