

Agrisera

This product is for research use only (not for diagnostic or therapeutic use)

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Product no **AS09 540**
SOD1 aa 131-153 | superoxide dismutase 1, soluble

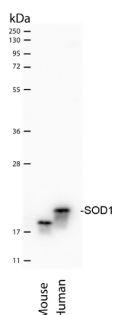
Product information

Immunogen	KLH-conjugated synthetic peptide, amino acids 131-153 derived from human SOD1 protein sequence P00441
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 50 µl of sterile water.
Storage	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.

Application information

Recommended dilution	1 : 75 000 (WB)
Expected apparent MW	15.9 kDa
Confirmed reactivity	Human
Predicted reactivity	Atlantic Salmon, Bovine, Chimpanzee, Goat, Guinea Pig, Mouse, Pig, Rabbit, Rat, Schizosaccharomyces pombe, Sheep
Not reactive in	No confirmed exceptions from predicted reactivity are currently known.
Additional information	Peptide used to elicit this antibody is not conserved in SOD2,3 and 4. For high resolution images, please visit the specific product page at www.agrisera.com
Selected references	Kiskinis et al. (2014) . Pathways Disrupted in Human ALS Motor Neurons Identified through Genetic Correction of Mutant SOD1. Cell Stem Cell. 2014 Apr 2. pii: S1934-5909(14)00098-8. doi: 10.1016/j.stem.2014.03.004.

Application example



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10 µl of control mouse brain and a human spinal ventral horn were extracted in 25 volumes of PBS, diluted 1+1 in a sample buffer have been loaded per well and separated on 15% SDS-PAGE and blotted for 1h to PVDF. Blots were blocked immediately following transfer in 5% Dry milk for 1h at room temperature with agitation. Blots were incubated in the primary antibody at a dilution of 1: 75 000 (AS09 540) for 1h at room temperature with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed 5 times for 5 min in TBS-T at room temperature with agitation. Blots were incubated in secondary antibody (goat anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:42 000 for 1h at room temperature with agitation. The blots were washed as above and developed for 5 min with ECL detection reagent according to the manufacturers instructions. Images of the blots were obtained using a CCD imager. Exposure time was 30-600 seconds.