



## Anti-SOD1 Rabbit Polyclonal Antibody

<b>Catalog No.</b>	<b>EM42208-01</b>	<b>EM42208-02</b>
<b>Size</b>	50μl	100μl
<b>Species reactivity:</b>	<b>Human Mouse Rat</b>	<b>Molecular Weight:</b> 18KD

**Background:** Superoxide dismutase [Cu-Zn] also known as superoxide dismutase 1 or SOD1 is an enzyme that in humans is encoded by the SOD1 gene, located on chromosome 21. SOD1 is one of three human superoxide dismutases.

**All Names:** ALS1 antibody, Cu/Zn SOD antibody, Superoxide dismutase 1 antibody

**Specificity:** Antibody can detect endogenous SOD1 protein.

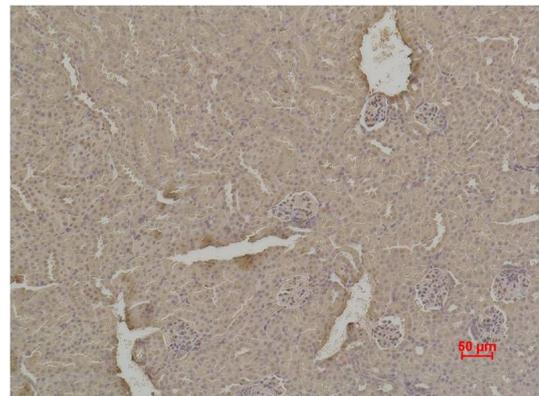
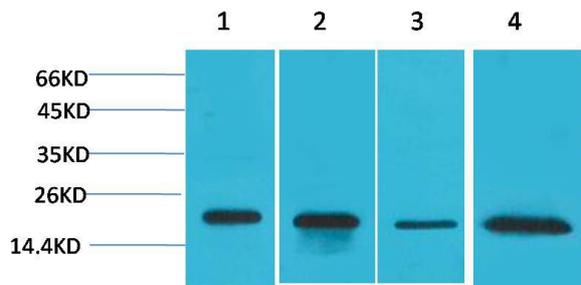
**Application:** WB: 1:2,000-1:5,000 IHC:1:200-1:500

Optimal dilutions/concentrations should be determined by the end user.

**Form:** Liquid, 1mg/ml

**Storage buffer:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

**Storage:** Store at -20°C. Do not aliquot the antibody.



Western blot analysis of 1) HeLa, 2) MCF7, 3) Mouse Brain Tissue, 4) Rat Brain Tissue, with SOD1 Rabbit pAb diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using SOD1 Rabbit pAb diluted at 1:500.