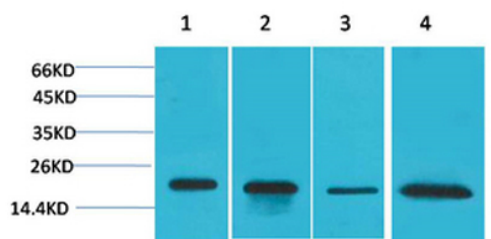
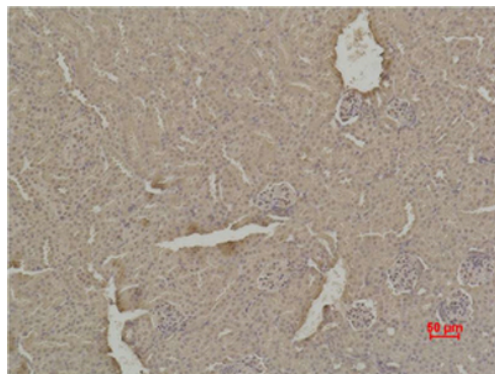


<b>Product name:</b>	SOD1 Rabbit Polyclonal Antibody
<b>Cat number:</b>	AB-80162
<b>Conjugate:</b>	unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1 mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Synthesized peptide derived from the Internal region of human SOD-1.
<b>Reactivity:</b>	Human;Mouse;Rat
<b>Applications:</b>	Western Blot: 1/500 - 1/2000.IHC-p:1:50-300. Not yet tested in other applications.
<b>Molecular Weight:</b>	18kD
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Form:</b>	liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5%BSAand0.02% sodium azide
<b>Storage:</b>	Store at -20°C. Avoid repeated freeze-thawcycles.
<b>Background:</b>	The protein encoded by this gene binds copper and zinc ions and is one of two isozymes responsible for destroying free superoxide radicals in the body. The encoded isozyme is a soluble cytoplasmic protein, acting as a homodimer to convert naturally-occurring but harmful superoxide radicals to molecular oxygen and hydrogen peroxide. The other isozyme is a mitochondrial protein. Mutations in this gene have been implicated as causes of familial amyotrophic lateral sclerosis. Rare transcript variants have been reported for this gene.



Western blot analysis of 1) HeLa, 2) MCF7, 3) Mouse Brain Tissue, 4) Rat Brain Tissue using SOD1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using SOD1 Polyclonal Antibody.