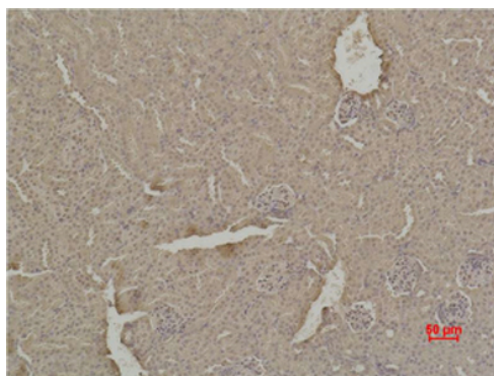
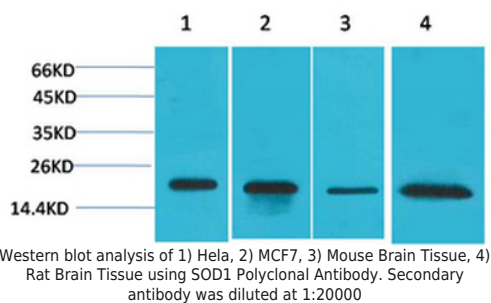




Product name:	SOD1 Rabbit Polyclonal Antibody
Cat number:	AB-80162
Conjugate:	unconjugated
Size:	100 ug
Clone:	Polyclonal
Concentration:	1 mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from the Internal region of human SOD-1.
Reactivity:	Human;Mouse;Rat
Applications:	Western Blot: 1/500 - 1/2000.IHC-p:1:50-300. Not yet tested in other applications.
Molecular Weight:	18kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form:	liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5%BSAand0.02% sodium azide
Storage:	Store at -20°C. Avoid repeated freeze-thawcycles.
Background:	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.



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