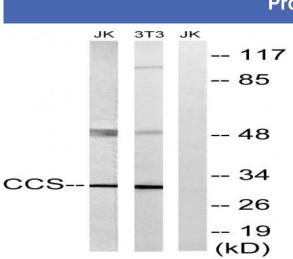


## CCS Polyclonal Antibody

Catalog No :	YT0715
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	CCS
Fields :	>>Amyotrophic lateral sclerosis;>>Pathways of neurodegeneration - multiple diseases
Gene Name :	CCS
Protein Name :	Copper chaperone for superoxide dismutase
Human Gene Id :	9973
Human Swiss Prot No :	O14618
Mouse Swiss Prot	Q9WU84
Immunogen :	The antiserum was produced against synthesized peptide derived from human CCS. AA range:225-274
Specificity :	CCS Polyclonal Antibody detects endogenous levels of CCS protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000 IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

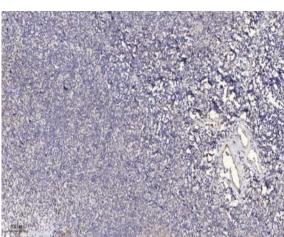


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Observed Band :	32kD
Cell Pathway :	Amyotrophic lateral sclerosis (ALS);
Background :	Copper chaperone for superoxide dismutase specifically delivers Cu to copper/zinc superoxide dismutase and may activate copper/zinc superoxide dismutase through direct insertion of the Cu cofactor. [provided by RefSeq, Jul 2008],
Function :	cofactor:Binds 1 zinc ion per subunit.,cofactor:Binds 2 copper ions per subunit.,function:Delivers copper to copper zinc superoxide dismutase (SOD1).,similarity:Contains 1 HMA domain.,similarity:In the C-terminal section; belongs to the Cu-Zn superoxide dismutase family.,subunit:Homodimer, and heterodimer with SOD1.,tissue specificity:Ubiquitous.,
Subcellular Location :	Cytoplasm.
Expression :	Ubiquitous.



## **Products Images**

Western blot analysis of lysates from NIH/3T3 and Jurkat cells, using CCS Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).