

Product Name: CCS Rabbit Polyclonal Antibody**Catalog #: APRab08169**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	32kDa

Antigen Information

Gene Name	CCS
Alternative Names	CCS; Copper chaperone for superoxide dismutase; Superoxide dismutase copper chaperone
Gene ID	9973.0
SwissProt ID	O14618
Immunogen	The antiserum was produced against synthesized peptide derived from human CCS. AA range:225-274

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],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.,

Research Area

Amyotrophic lateral sclerosis (ALS);

Image Data

