



CCS Monoclonal Antibody

Catalog No	YP-mAb-02533
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CCS
Protein Name	Copper chaperone for superoxide dismutase
Immunogen	The antiserum was produced against synthesized peptide derived from human CCS. AA range:225-274
Specificity	CCS Monoclonal Antibody detects endogenous levels of CCS protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CCS; Copper chaperone for superoxide dismutase; Superoxide dismutase copper chaperone
Observed Band	32kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Ubiquitous.
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.,
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],
matters needing attention	Avoid repeated freezing and thawing!



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

