

CP Rabbit Polyclonal Antibody

Catalog No: #55277

Package Size: #55277-1 50ul #55277-2 100ul

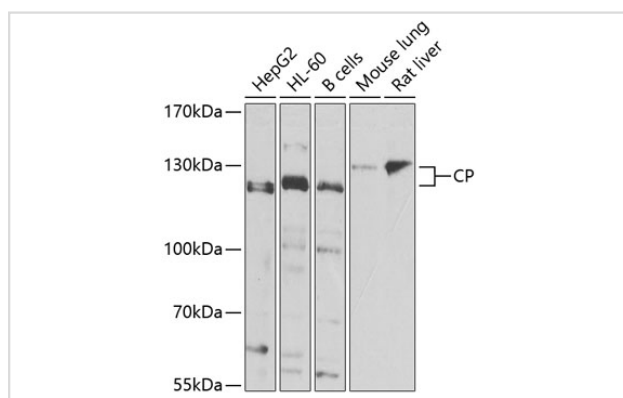
Description

Product Name	CP Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human CP (NP_000087.1).
Conjugates	Unconjugated
Other Names	CP;CP-2
Accession No.	Swiss Prot:P00450GenelD:1356
Calculated MW	122kDa
SDS-PAGE MW	119-130kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using CP at 1:1000 dilution.

Background

The protein encoded by this gene is a metalloprotein that binds most of the copper in plasma and is involved in the peroxidation of Fe(II)transferrin to Fe(III) transferrin. Mutations in this gene cause aceruloplasminemia, which results in iron accumulation and tissue damage, and is associated with diabetes and neurologic abnormalities. Two transcript variants, one protein-coding and the other not protein-coding, have been found for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.