

ATOX1

Reactivity: Human

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 7kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ATOX1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ATX1; HAH1;

Catalog #: A6874

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 475

Isotype: IgG

Swiss Prot: O00244

Purity: Affinity purification

For research use only.

Background:

This gene encodes a copper chaperone that plays a role in copper homeostasis by binding and transporting cytosolic copper to ATPase proteins in the trans-Golgi network for later incorporation to the ceruloplasmin. This protein also functions as an antioxidant against superoxide and hydrogen peroxide, and therefore, may play a significant role in cancer carcinogenesis. Because of its cytogenetic location, this gene represents a candidate gene for 5q-syndrome.

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