

## ATOX1

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**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;

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A6874

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**475

**Isotype:**IgG

**Swiss Prot:**O00244

**Purity:**Affinity purification

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