

Datasheet

ATOX1 polyclonal antibody

Catalog Number: PAB15530

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against ATOX1.

Immunogen: Full length human ATOX1.

Host: Rabbit

Reactivity: Human

Applications: WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Western blot analysis, where a band is seen at approx. 6 KDa representing ATOX1 protein.

Form: Liquid

Recommend Usage: Western Blot (1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.1% sodium azide)

Storage Instruction: Store at 4°C for short term. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 475

Gene Symbol: ATOX1

Gene Alias: ATX1, HAH1, MGC138453, MGC138455

Gene Summary: 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. [provided by RefSeq]