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Datasheet for ABIN7265780 **anti-ATOX1 antibody**

Overview

Quantity:	100 µL
Target:	ATOX1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATOX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	[KO Validated] ATOX1 Rabbit pAb
Immunogen:	Recombinant protein of human ATOX1.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification
Grade:	KO Validated

Target Details

Target:	ATOX1
Alternative Name:	ATOX1 (ATOX1 Products)

Target Details

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.,ATOX1,ATX1,HAH1,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,ATOX1
Molecular Weight:	7kDa
Gene ID:	475
UniProt:	O00244
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.