



ATP7A Antibody

CATALOG NUMBER: 46-816

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:8,000. Western Blot: Approximately 55 kDa band in human colon lysates after 0.3 ug/mL antibody staining.
IMMUNOGEN:	ATP7A antibody was raised against a 14 amino acid synthetic peptide near the internal region of ATP7A.
HOST SPECIES:	Goat

Properties

PURIFICATION:	ATP7A antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	ATP7A antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ATP7A, RP3-465G10.1, MK, MNK, Cu2plus-transporting P-type ATPase, Menkes disease-associated protein, OTTHUMP00000062077, copper pump 1, copper-transporting ATPase 1, MC1
ACCESSION NO.:	NP_000043.3
PROTEIN GI NO.:	115529486
OFFICIAL SYMBOL:	ATP7A
GENE ID:	538

Background

REFERENCES:	1) Schlieff ML, West T, Craig AM, Holtzman DM, Gitlin JD. Role of the Menkes copper-transporting ATPase in NMDA receptor-mediated neuronal toxicity. Proc Natl Acad Sci USA. 2006 Oct 3;103(40):14919-24. Epub 2006 Sep 26.
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FOR RESEARCH USE ONLY

December 13, 2016