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CBWD6 Antibody(Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19798c

Specification

CBWD6 Antibody(Center) - Product Information

Application	**WB,E**
Primary Accession	Q4V339
Other Accession	NP_001078926.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**43964**
Antigen Region	**193-221**

CBWD6 Antibody(Center) - Additional Information

Gene ID 644019

Other Names
COBW domain-containing protein 6, Cobalamin synthase W domain-containing protein 6, CBWD6

Target/Specificity
This CBWD6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 193-221 amino acids from the Central region of human CBWD6.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CBWD6 Antibody(Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CBWD6 Antibody(Center) - Protein Information

Name ZNG1F (HGNC:31978)

Function Zinc chaperone that directly transfers zinc cofactor to target metalloproteins, thereby activating them (By similarity). Catalyzes zinc insertion into the active site of methionine

aminopeptidase METAP1, which function to cleave the initiator methionine from polypeptides during or after protein translation (PubMed:35584702). Mechanistically, the N-terminal psi-PxLVp motif binds to the C6H2-type zinc finger of inactive form of METAP1 (By similarity). After formation of the docked complex, zinc is transferred from the CXCC motif in the GTPase domain of ZNG1F to the zinc binding site in the peptidase domain of METAP1 in a process requiring GTP hydrolysis (By similarity). GTP/GDP exchange is required for release of active METAP1 (By similarity).

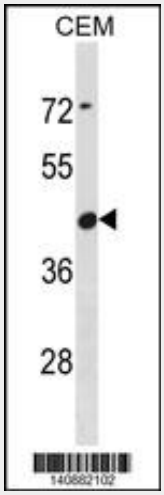
Cellular Location
Nucleus {ECO:0000250|UniProtKB:Q8VEH6}.

CBWD6 Antibody(Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CBWD6 Antibody(Center) - Images



CBWD6 Antibody (Center) (Cat. #AP19798c) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the CBWD6 antibody detected the CBWD6 protein (arrow).

CBWD6 Antibody(Center) - Background

The function of this protein is unknown.

CBWD6 Antibody(Center) - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)