

Product datasheet for **TA322310S**

Cyclin M3 (CNNM3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse liver tissue IHC: 25-100 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 300 amino acids of human cyclin M3
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	76 kDa
Gene Name:	cyclin and CBS domain divalent metal cation transport mediator 3
Database Link:	NP_060093 Entrez Gene 94218 Mouse Entrez Gene 26505 Human Q8NE01



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Background:

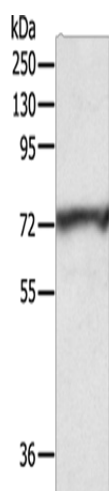
The ACDP3 gene; designated CNNM3 by the HUGO Nomenclature Committee; encodes a deduced 707-amino acid protein. Northern blot analysis revealed ubiquitous expression of CNNM3. Immunofluorescence studies showed that all 4 CNNM proteins are predominantly localized in the nucleus. Acdp3 contains 4 transmembrane domains; 2 CBS domains; a DUF21 domain; and a cNMP-binding domain. It also has large alanine- and leucine-rich regions. Northern blot analysis detected variable Acdp3 expression in all mouse tissues examined; with highest expression in brain; kidney; liver; and heart.

Synonyms:

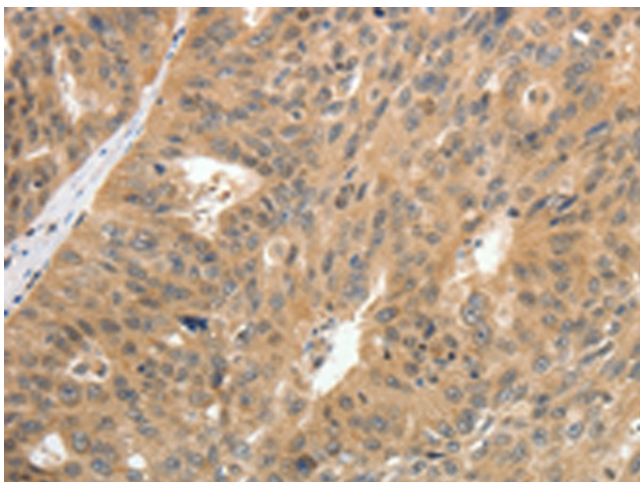
ACDP3

Protein Families:

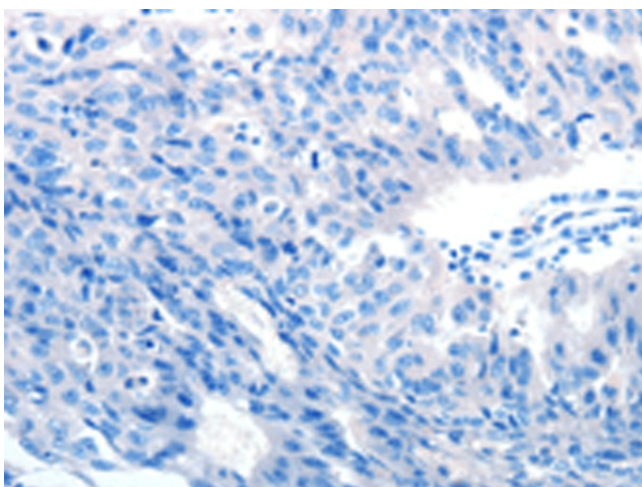
Transcription Factors, Transmembrane

Product images:

Gel: 10%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse liver tissue
Primary antibody: [TA322310] (CNNM3 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA322310] (CNNM3 Antibody) at dilution 1/25 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA322310] (CNNM3 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)