

GRWD1 Rabbit pAb

Catalog # AP97257

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BQ67
Other Accession	Q9BQ67
Reactivity	Rat
Predicted	Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49419
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GRWD1
Epitope Specificity	301-400/446
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 5 WD repeats.
SUBUNIT	Interacts with METTL18.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a glutamate-rich protein that contains five WD-repeat motifs. The encoded protein may play a critical role in ribosome biogenesis and may also play a role in histone methylation through interactions with CUL4-DDB1 ubiquitin E3 ligase. [provided by RefSeq, Feb 2012]

Additional Information

Gene ID	83743
Other Names	CK820_G0042298; CDW4; DIAR14; GRWD; RRB1; WDR28; CR201_G0029549; GRWD1_BOVIN; GRWD1; GRWD1_HUMAN; KIAA1942; glutamate rich WD repeat containing 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GRWD1
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Synonyms	GRWD, KIAA1942, WDR28
Function	Histone binding protein that regulates chromatin dynamics and loading of minichromosome maintenance (MCM) complex at replication origins, possibly by promoting chromatin openness (PubMed: 25990725). Plays a role in ribosomal biogenesis (PubMed: 15885502).
Cellular Location	Nucleus, nucleolus. Nucleus. Chromosome Note=Present in the nucleus throughout interphase and is detached from chromatin at the onset of mitosis and rebinds at telophase when the pre-replication complexes (pre-RC) is formed (PubMed:25990725)
Tissue Location	Widely expressed..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.