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C6orf211 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15673

Product Information

Application	WB
Primary Accession	Q9H993
Other Accession	NM_024573, NP_078849
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51172

Additional Information

Gene ID	79624
Other Names	UPF0364 protein C6orf211, C6orf211
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-C6orf211 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	C6orf211 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

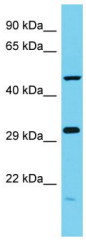
Protein Information

Name	ARMT1 {ECO:0000303|PubMed:25732820, ECO:0000312|HGNC:HGNC:17872}
Function	Metal-dependent phosphatase that shows phosphatase activity against several substrates, including fructose-1-phosphate and fructose-6-phosphate (By similarity). Its preference for fructose-1- phosphate, a strong glycating agent that causes DNA damage rather than a canonical yeast metabolite, suggests a damage-control function in hexose phosphate metabolism (By similarity). Has also been shown to have O-methyltransferase activity that methylates glutamate residues of target proteins to form gamma-glutamyl methyl ester residues (PubMed:25732820). Possibly methylates PCNA, suggesting it is involved in the DNA damage response (PubMed:25732820).

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).
Choudhary C.,et al.Science 325:834-840(2009).

Images



Host: Rabbit
Target Name: C6orf211
Sample Tissue: MCF7 Whole cell lysate
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Antibody Dilution: 1.0µg/mlC6orf211 is supported by
BioGPS gene expression data to be expressed in MCF7