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C9orf41 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15732

Specification

C9orf41 Antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q8N4J0
Other Accession	NM_152420, NP_689633
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**47kDa KDa**

C9orf41 Antibody - middle region - Additional Information

Gene ID 138199

Other Names
UPF0586 protein C9orf41, C9orf41

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-C9orf41 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
C9orf41 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

C9orf41 Antibody - middle region - Protein Information

Name CARNMT1 (HGNC:23435)

Function
N-methyltransferase that catalyzes the formation of anserine (beta-alanyl-N(Pi)-methyl-L-histidine) from carnosine. Anserine, a methylated derivative of carnosine (beta-alanyl-L-histidine), is an abundant constituent of vertebrate skeletal muscles. Also methylates other L-histidine-containing di- and tripeptides such as Gly-Gly-His, Gly-His and homocarnosine (GABA-His).

Cellular Location
Cytoplasm, cytosol. Nucleus

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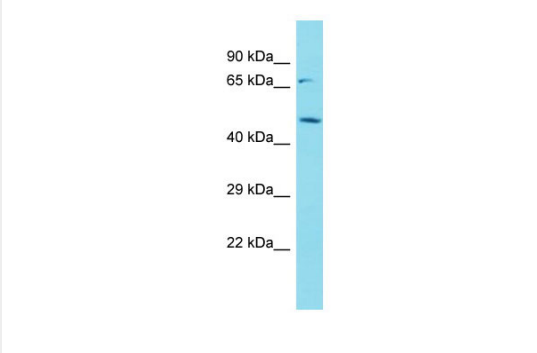
Tissue Location
Expressed at higher level in kidney. Expressed at lower level in brain and skeletal muscle

C9orf41 Antibody - middle region - 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

C9orf41 Antibody - middle region - Images



Host: Rabbit
Target Name: C9orf41
Sample Tissue: U937 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

C9orf41 Antibody - middle region - References

Humphray S.J.,et al.Nature 429:369-374(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).