

**C9orf41 polyclonal antibody**

Catalog: BS35158

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Protein-L-histidine N-pros-methyltransferase CARNMT1: Protein-histidine N-methyltransferase that specifically catalyzes the N1-methylation (pros-methylation) of histidine residues in a wide range of proteins. It primarily monomethylates proteins containing RNA-binding C3H1 zinc finger motifs, such as U2AF1, ZC3H15, ZC3H18, PPP1R10, PRR3 and RNF113A, thereby modulating mRNA splicing and turnover. Additionally, methylates the dipeptide carnosine (beta-alanyl-L-histidine) at the N1 position to generate anserine, an abundant component of vertebrate skeletal muscle. Acts also on other L-histidine-containing di- and tripeptides, such as Gly-Gly-His, Gly-His, and homocarnosine (GABA-His)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~47.2 kDa

Swiss-Prot:

Q8N4J0

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of C9orf41 protein

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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