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Datasheet for ABIN1399935

anti-C9ORF72 antibody (AA 391-481) (Alexa Fluor 350)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | C9ORF72 |
| Binding Specificity: | AA 391-481 |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This C9ORF72 antibody is conjugated to Alexa Fluor 350 |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human C9orf72 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog,Cow,Pig,Horse,Chicken |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | C9ORF72 |
| Alternative Name: | C9orf72 (C9ORF72 Products) |

Target Details

Background: Synonyms: ALSFTD, FTDALS, Protein C9orf72, C9orf72

Background: Chromosome 9 consists of about 145 million bases and 4 % of the human genome and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias. The C9orf72 gene product has been provisionally designated C9orf72 pending further characterization. There are two isoforms of C9orf72 that are produced as a result of alternative splicing events.

Gene ID: 203228

UniProt: [Q96LT7](#)

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months