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Datasheet for ABIN1699953

anti-SPATA31E1 antibody (AA 331-430) (Biotin)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | SPATA31E1 |
| Binding Specificity: | AA 331-430 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SPATA31E1 antibody is conjugated to Biotin |
| Application: | Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Western Blotting (WB), ELISA |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human C9orf79 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | SPATA31E1 |
| Alternative Name: | C9orf79 (SPATA31E1 Products) |
| Background: | Synonyms: C9orf79, Chromosome 9 open reading frame 79, S31E1_HUMAN, FAM75-like |

Target Details

protein C9orf79.

Background: C9orf79 is a 1,445 amino acid single-pass membrane protein that belongs to the FAM75 family. The gene encoding C9orf79 maps to human chromosome 9, which 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.

Gene ID: 286234

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months