Datasheet for ABIN6978380

# anti-SBNO1 antibody (AA 331-430) (Alexa Fluor 555)

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## Overview

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| Quantity: | 100 µL |
| Target: | SBNO1 |
| Binding Specificity: | AA 331-430 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SBNO1 antibody is conjugated to Alexa Fluor 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human SBNO1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Zebrafish |
| Purification: | Purified by Protein A. |

## Target Details

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| Target: | SBNO1 |
| Alternative Name: | SBNO1 (SBNO1 Products) |

## Target Details

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| Background: | Synonyms: FLJ10701, FLJ10833, FLJ16176, Monocyte protein 3, MOP 3, MOP-3, MOP3, Protein strawberry notch homolog 1, SBNO 1, Sbno1, SBNO1_HUMAN, Sno, Sno strawberry notch homolog 1, Strawberry notch homolog 1.<br>Background: SBNO1 is a 1,392 amino acid protein encoded by the human gene of the same name located on chromosome 12. Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5 % of the human genome. A number of skeletal deformities are linked to chromosome 12, including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome, which includes heart and facial developmental defects among the primary symptoms, is caused by a mutant form of PTPN11 gene product, SH-PTP2. Chromosome 12 is also home to a homeobox gene cluster, which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster, encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. Trisomy 12p leads to facial development defects, seizure disorders and a host of other symptoms which vary in severity depending on the extent of mosaicism. It is most severe in cases of complete trisomy. |
| Gene ID: | 55206 |
| UniProt: | A3KN83 |
| Pathways: | SARS-CoV-2 Protein Interactome |

## Application Details

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| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

## Handling

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| 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. |

## Handling

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| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |