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Datasheet for ABIN4996561

anti-ANKS1B antibody (Alexa Fluor 680)

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | ANKS1B |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ANKS1B antibody is conjugated to Alexa Fluor 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human ANKS1B/AIDA1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | ANKS1B |
| Alternative Name: | ANKS1B (ANKS1B Products) |
| Background: | <p>Synonyms: AIDA 1, AIDA-1, Amyloid-beta protein intracellular domain-associated protein 1, Anks1b, Ankyrin repeat and sterile alpha mot domain-containing protein 1B, ANS1B_HUMAN, E2A-PBX1-associated protein, EB-1.</p> <p>Background: The _Amyloid protein precursor (AbPP) is a widely expressed transmembrane</p> |

Target Details

protein that is processed into the b-Amyloid (Ab) peptide, which accumulates in insoluble plaques in the brain of Alzheimer's disease patients and AbPP intracellular domain (AID). AID may function as a pro-apoptotic peptide, a regulator of calcium homeostasis and a molecule involved in transcriptional regulation. The AID associated protein 1 (AIDA-1) is highly expressed in the brain and is regulated by AbPP. It interacts with AbPP to play a role in brain development. AIDA-1 also interacts with coilin in Cajal bodies to regulate pre-mRNA splicing.

Gene ID: 56899

UniProt: [Q7Z6G8](#)

Application Details

Application Notes: IF(IHC-P) 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

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

Expiry Date: 12 months