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Datasheet for ABIN1404475 **anti-ANKRD26 antibody (Biotin)**

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | ANKRD26 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ANKRD26 antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from mouse ANKRD26 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|--|
| Target: | ANKRD26 |
| Alternative Name: | ANKRD26 (ANKRD26 Products) |
| Background: | <p>Synonyms: Ankrd26, Ankyrin repeat domain 26, Ankyrin repeat domain-containing protein 26, Ankyrin repeat domaincontaining protein 26, ANR26_MOUSE.</p> <p>Background: Ankyrins are membrane adaptor molecules that play important roles in coupling integral membrane proteins to the spectrin-based cytoskeleton network. Mutations of ankyrin</p> |

Target Details

genes lead to severe genetic diseases such as fatal cardiac arrhythmias and hereditary spherocytosis. ANKRD26 (ankyrin repeat domain-containing protein 26) is a 1709 amino acid protein that contains five ANK repeats. Expressed at high level in many tissues, including brain, liver, kidney and heart, ANKRD26 may be phosphorylated upon DNA damage by Atm or ATR. ANKRD26 is also expressed in the arcuate and ventromedial nuclei within the hypothalamus and in the ependyma and the circumventricular organs that act as an interface between the peripheral circulation and the brain. It is suggested that alterations in the gene encoding ANKRD26 may lead to obesity. Three isoforms of ANKRD26 exists due to alternative splicing events.

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|-----------|-----------------------------------|
| Gene ID: | 22852 |
| Pathways: | Feeding Behaviour |

Application Details

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| Application Notes: | WB 1:300-5000 IHC-P 1:200-400 |
| 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. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |