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Datasheet for ABIN5001336

anti-DMWD antibody (AA 501-600) (Alexa Fluor 750)

Overview

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | DMWD |
| Binding Specificity: | AA 501-600 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DMWD antibody is conjugated to Alexa Fluor 750 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|----------------------------------------------------------------|
| Immunogen: | KLH conjugated synthetic peptide derived from human DMWD/DMRN9 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Cow |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--------------------------------------------------------------------------------------|
| Target: | DMWD |
| Alternative Name: | DMWD/DMRN9 (DMWD Products) |
| Background: | Synonyms: dystrophia myotonica containing WD repeat mot,D19S593E, DM 9, DM9, DMR N9, |

Target Details

DMR N9 protein, DMRN 9, DMRN9, DMWD, DMWD_HUMAN, Dystrophia myotonica containing WD repeat mot, Dystrophia myotonica containing WD repeat mot protein, Dystrophia myotonica WD repeat containing protein, Dystrophia myotonica WD repeat-containing protein, Dystrophia myotonica-containing WD repeat mot protein, Gene59, Protein 59, Protein DMR-N9.

Background: DMWD is a 674 amino acid protein containing five WD repeats. DMWD may play a role in the development of mental symptoms in severe cases of myotonic dystrophy, a chronic multisystemic disease characterized by wasting of the muscles, heart conduction defects, cataracts, endocrine changes and myotonia. The DMWD gene is located upstream of the DMPK gene and is prominently expressed in tissues affected in myotonic dystrophy patients. DMWD may also contribute to regulation in meiosis. DMWD is expressed in kidney and spleen, with strongest expression in brain, liver and testis. The gene encoding DMWD maps to human chromosome 19q13.32 and mouse chromosome 7 A3.

Gene ID: 1762

Application Details

Application Notes: 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

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

Expiry Date: 12 months