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Rabbit Anti-DMWD antibody

SL13042R

Product Name:	DMWD
Chinese Name:	强直性肌营养不良相关蛋白9抗体
Alias:	dystrophia myotonica containing WD repeat motif; D19S593E; DM 9; DM9; DMR N9; DMR N9 protein; DMRN 9; DMRN9; DMWD; DMWD_HUMAN; Dystrophia myotonica containing WD repeat motif; Dystrophia myotonica containing WD repeat motif protein; Dystrophia myotonica WD repeat containing protein; Dystrophia myotonica WD repeat-containing protein; Dystrophia myotonica-containing WD repeat motif protein; Gene59; Protein 59; Protein DMR-N9.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	70kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DMWD/DMRN9:501-600/6754
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:
Could have a regulatory function in meiosis.

Subcellular Location:
Contains 5 WD repeats.

Tissue Specificity:
Strongest expression in brain, liver, and testis. Also expressed in kidney and spleen.

Similarity:
Contains 5 WD repeats.

SWISS:
Q09019

Gene ID:
1762

Database links:

Entrez Gene: 1762Human

Omim: 609857Human

SwissProt: Q09019Human

Unigene: 515474Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.