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DMRTA2 Rabbit pAb

Catalog # AP96312

Product Information

Application	WB
Primary Accession	Q5TFQ3
Other Accession	Q5TFQ3
Reactivity	Human
Predicted	Rat, Pig, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DMRTA2
Epitope Specificity	21-120/542
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Belongs to the DMRT family. Contains 1 DM DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DMRTA2 is a 542 amino acid protein that localizes to the nucleus and contains one DM DNA-binding domain. Expressed testis, DMRTA2 is thought to be involved in sexual developmental processes during maturation. The gene encoding DMRTA2 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

Additional Information

Gene ID	63950
Other Names	Dmrt5; Q5TFQ3_HUMAN; DMTA2_HUMAN; DMRTA2; Doublesex- and mab-3-related transcription factor 5; DMTA2_MOUSE; DMRT like family A2; DMRT-like family A2
Target/Specificity	Expressed in testis.
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	DMRTA2 Rabbit pAb
Function	May be involved in sexual development.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.