SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DMRTA2 antibody

Catalog Number: SL14348R

FOR RESEARCH USE ONLY

[DATASHEET]

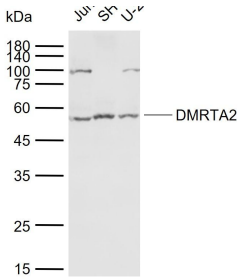
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DMRTA2
Immunogen:	KLH conjugated synthetic peptide derived from human DMRTA2: 21-120/542
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Dog,Pig,Cow)
Predicted MW.:	53kDa
Subcellular Location:	The nucleus
Background:	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. **Function:** May be involved in sexual development. **Subcellular Location:** Nucleus. **Tissue Specificity:** Expressed in testis. **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.

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	Database links: **Entrez Gene:** 63950 Human **Entrez Gene:** 242620 Mouse **Entrez Gene:** 313471 Rat **SwissProt:** Q5TFQ3 Human **SwissProt:** Q96SC8 Human **SwissProt:** A2A9A2 Mouse **Unigene:** 334481 Human **Unigene:** 32825 Mouse

[VALIDATION IMAGES]



Sample:
Lane 1: Human Jurkat cell lysates
Lane 2: Human SH-SY5Y cell lysates
Lane 3: Human U-2 OS cell lysates
Primary: Anti-DMRTA2 (SL14348R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 53 kDa
Observed band size: 54 kDa

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