SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Rabbit Anti-DTWD1 antibody

**Catalog Number: SL14436R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

| | |
|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | DTWD1 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human DTWD1: 201-304/304 |
| **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:** | IHC-P=1:100-500<br>IHC-F=1:100-500<br>ICC/IF=1:100-500<br>IF=1:100-500<br>ELISA=1:5000-10000 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | (predicted: Human, Mouse, Rat, Pig, Cow, Horse, Sheep) |
| **Predicted MW.:** | 35kDa |
| **Subcellular Location:** | The nucleus cytoplasmic |
| **Background:** | Encoding more than 700 genes, chromosome 15 is made up of approximately 106 million base pairs and is about 3% of the human genome. Angelman and Prader-Willi syndromes are associated with loss of function or deletion of genes in the 15q11-q13 region. In the case of Angelman syndrome, this loss is due to inactivity of the maternal 15q11-q13 encoded UBE3A gene in the brain by either chromosomal deletion or mutation. In cases of Prader-Willi syndrome, there is a partial or complete deletion of this region from the paternal copy of chromosome 15. Tay-Sachs disease is a lethal disorder associated with mutations of the HEXA gene, which is encoded by chromosome 15. Marfan syndrome is associated with chromosome 15 through the FBN1 gene. |

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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| | **Similarity:** Belongs to the DTW family.<br>**Database links:**<br>**Entrez Gene:** 56986 Human<br>**SwissProt:** Q8N5C7 Human<br>**Unigene:** 127432 Human |

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