SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Dystrophin antibody

Catalog Number: SL14477R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Dystrophin
Immunogen:	KLH conjugated synthetic peptide derived from human Dystrophin: 51-150/3685
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 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Sheep)
Predicted MW.:	426kDa
Subcellular Location:	The cell membrane
Background:	Dystotelin (DYTN) is a 578 amino acid cell membrane protein that contains one ZZ-type zinc finger. The gene that encodes dystrotelin maps to human chromosome 2, which makes up approximately 8% of the human genome and contains 237 million bases encoding over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2. Harlequin icthyosis, a rare skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alström syndrome, is related to mutations in the ALMS1 gene. Chromosome 2 contains a probable vestigial second centromere as well as vestigial telomeres, which gives credence to the

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	hypothesis that human chromosome 2 formed as a result of an ancient fusion of two ancestral chromosomes, which are still present in modern day apes. **Subcellular Location:** Cell membrane. **Similarity:** Contains 1 ZZ-type zinc finger. **Database links:** **Entrez Gene:** 391475 Human **SwissProt:** A2CJ06 Human **Unigene:** 640667 Human

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