SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CWC15 antibody

Catalog Number: SL14110R

FOR RESEARCH USE ONLY

[DATASHEET]

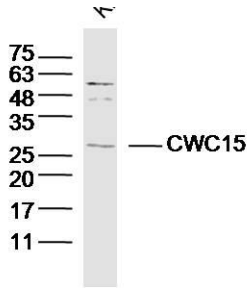
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CWC15
Immunogen:	KLH conjugated synthetic peptide derived from human CWC15/C11orf5: 151-229/229
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped 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:	Mouse(predicted:Human,Rat,Chicken,Dog,Cow,Horse)
Predicted MW.:	27kDa
Subcellular Location:	The nucleus
Background:	CWC15 is a 229 amino acid protein involved in pre-mRNA splicing. The gene encoding CWC15 maps to human chromosome 11q21. With approximately 135 million base pairs and 1,400 genes, chromosome 11 makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and β thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11. **Function:** Component of the PRP19-CDC5L complex that forms an integral

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	part of the spliceosome and is required for activating pre-mRNA splicing. Belongs to the CWC15 family. **Subcellular Location:** Nucleus **Similarity:** Belongs to the CWC15 family. **Database links:** **Entrez Gene:** 51503 Human **SwissProt:** Q2KJD3 Cow **SwissProt:** Q9P013 Human **SwissProt:** Q9JHS9 Mouse **SwissProt:** Q5BJP2 Rat

[VALIDATION IMAGES]



Sample:Kidney(Mouse)Lysate at 40 ug
Primary: Anti-CWC15(SL14110R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 27kD
Observed band size: 27kD

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