SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DPCD antibody

Catalog Number: SL14413R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DPCD
Immunogen:	KLH conjugated synthetic peptide derived from human DPCD: 121-203/203
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,Mouse(predicted:Rat,Chicken,Dog,Pig,Cow,Horse)
Predicted MW.:	23kDa
Subcellular Location:	The nucleus
Background:	DPCD is a 203 amino acid protein that is expressed at higher levels during ciliated cell differentiation, suggesting that DPCD plays a role in the function or formation of ciliated cells. In primary ciliary dyskinesia (PCD), an autosomal recessive disease that is caused by mutations affecting the proper function of cilia, an exon in the DPCD gene is deleted. The phenotype of PCD is variable, though it may include symptoms such as sinus inverse totalis, infertility or otitis media. In severe cases, patients develop end-stage bronchiectasis and require a lung transplantation. DPCD is highly expressed in testis, with weak expression in heart, pancreas and skeletal muscle. **Function:** May play a role in the formation or function of ciliated cells. **Tissue Specificity:** Highly expressed in the testis. Weakly expressed in pancreas, skeletal muscle and heart. Expression increases during ciliated cell differentiation. **Similarity:** Belongs to the DPCD family. **Database links:**

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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	Entrez Gene: 25911 Human **Entrez Gene:** 516908 Cow **Entrez Gene:** 477800 Dog **Entrez Gene:** 226162 Mouse **Entrez Gene:** 294004 Rat **SwissProt:** Q24K21 Cow **SwissProt:** Q9BVM2 Human **SwissProt:** Q8BPA8 Mouse **SwissProt:** Q6AYM4 Rat **Unigene:** 658128 Human **Unigene:** 21978 Mouse **Unigene:** 50057 Rat

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