

For Research Use Only

# CoraLite® Plus 488-conjugated SDCCAG8 Polyclonal antibody



Catalog Number: CL488-13471

Featured Product

## Basic Information

<b>Catalog Number:</b> CL488-13471	<b>GenBank Accession Number:</b> BC032454	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10806	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> serologically defined colon cancer antigen 8	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 713 aa, 83 kDa	
<b>Immunogen Catalog Number:</b> AG4264	<b>Observed MW:</b> 41 kDa, 73 kDa, 78 and 83 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : MDCK cells,
<b>Species Specificity:</b> human, mouse, rat, zebrafish, Canine	

## Background Information

SDCCAG8, also named as CCCAP and NY-CO-8, plays a role in the establishment of cell polarity and epithelial lumen formation. It may play a role in ciliogenesis. Loss of SDCCAG8 function as a cause of a retinal-renal ciliopathy and validates exome capture analysis for broadly heterogeneous single-gene disorders. SDCCAG8 is localized at both centrioles and interacts directly with OFD1 (oral-facial-digital syndrome 1), which is associated with NPHP-RC. SDCCAG8 has 4 isoforms with MW 83,78,73 and 41 kDa (refer to UniProt). Catalog# 13471-1-AP can recognize all the four isoforms.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

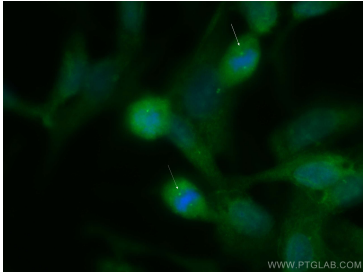
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MDCK cells using CoraLite® Plus 488 SDCCAG8 antibody (CL488-13471) at dilution of 1:200.