

## SDCCAG3 Rabbit pAb

CatalogNo: YN6005

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 48kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

#### Storage\*

-15°C to -25°C/1 year(Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

#### Clonality

Polyclonal

### | Immunogen Information

#### Immunogen

Synthesized peptide derived from human SDCCAG3

#### Specificity

This antibody detects endogenous levels of SDCCAG3 at Human, Mouse

### | Target Information

#### Gene name

SDCCAG3

<b>Protein Name</b>	Serologically defined colon cancer antigen 3 (Antigen NY-CO-3)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">10807;</a>	<a href="#">Q96C92;</a>
	Mouse	<a href="#">68112;</a>	<a href="#">A2AIW0;</a>
<b>Cellular Localization</b>	Cytoplasm . Early endosome . Endosome . Recycling endosome . Midbody . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, cilium basal body . Colocalizes in a WASHC2-dependent manner with the retromer CSC complex at endosomes (PubMed:25278552). During cytokinesis colocalized with PTPN13 at the midbody (PubMed:23108400). Colocalizes with IFT88 and gamma-tubulin at the basal body of primary cilia (PubMed:27767179). Colocalizes with IFT88 and pericentrin at the centrosome (PubMed:27767179). .		
<b>Tissue specificity</b>	Expressed in the colon (at protein level).		
<b>Function</b>	Endosome-associated protein that plays a role in membrane receptor sorting, cytokinesis and ciliogenesis . Involved in the endosome-to-plasma membrane trafficking and recycling of SNX27-retromer-dependent cargo proteins, such as GLUT1 . Involved in the regulation of cytokinesis; the function may involve PTPN13 and GIT1 . Plays a role in the formation of cilia . Involved in cargo protein localization, such as PKD2, at primary cilia . Involved in the presentation of the tumor necrosis factor (TNF) receptor TNFRSF1A on the cell surface, and hence in the modulation of the TNF-induced apoptosis (By similarity).		

## | Validation Data

## | Contact information

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