



CCDC88C mouse mAb

Catalog No	YP-mAb-18058
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	CCDC88C DAPLE KIAA1509
Protein Name	Protein Daple (Coiled-coil domain-containing protein 88C) (Dvl-associating protein with a high frequency of leucine residues) (hDaple) (Hook-related protein 2) (HkRP2)
Immunogen	Synthesized peptide derived from human CCDC88C
Specificity	This antibody detects endogenous levels of CCDC88C at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	223kD
Cell Pathway	Cytoplasm . Cell junction . Enriched at apical cell junctions. .
Tissue Specificity	
Function	Required for activation of guanine nucleotide-binding proteins (G-proteins) during non-canonical Wnt signaling . Binds to ligand-activated Wnt receptor FZD7, displacing DVL1 from the FZD7 receptor and leading to inhibition of canonical Wnt signaling . Acts as a non-receptor guanine nucleotide exchange factor by also binding to guanine nucleotide-binding protein G(i) alpha (Gi-alpha) subunits, leading to their activation . Binding to Gi-alpha subunits displaces the beta and gamma subunits from the heterotrimeric G-protein complex, triggering non-canonical Wnt responses such as activation of RAC1 and PI3K-AKT signaling . Promotes apical constriction of cells via ARHGEF18 .
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images