



CCDC40Mouse mAb

Catalog No	YP-mAb-18754
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CCDC40 KIAA1640
Immunogen	Synthesized peptide derived from human CCDC40
Specificity	This antibody detects endogenous levels of CCDC40 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA1640;Coiled-coil domain-containing protein 40;CCDC40 KIAA1640
Observed Band	90-100 kDa
Calculated Molecular Weight	1142 aa, 130 kDa
Cell Pathway	Cytoplasm . Cell projection, cilium . Localizes to cytoplasm and motile cilium. .
Tissue Specificity	
Function	Required for assembly of dynein regulatory complex (DRC) and inner dynein arm (IDA) complexes, which are responsible for ciliary beat regulation, thereby playing a central role in motility in cilia and flagella . Probably acts together with CCDC39 to form a molecular ruler that determines the 96 nanometer (nm) repeat length and arrangements of components in cilia and flagella (By similarity) . Not required for outer dynein arm complexes assembly. Required for axonemal recruitment of CCDC39 .
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