

KLC2 rabbit pAb

Catalog No :	YN6234
Reactivity :	Human
Applications :	WB
Target :	KLC2
Gene Name :	KLC2
Protein Name :	Kinesin light chain 2 (KLC 2)
Human Gene Id :	64837
Human Swiss Prot No :	Q9H0B6
Mouse Swiss Prot No :	O88448
Immunogen :	Synthesized peptide derived from human KLC2
Specificity :	This antibody detects endogenous levels of KLC2 at Human
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	68kD

Function :

Kinesin is a microtubule-associated force-producing protein that plays a role in organelle transport. The light chain functions in coupling of cargo to the heavy chain or in the modulation of its ATPase activity (Probable). Through binding with PLEKHM2 and ARL8B, recruits kinesin-1 to lysosomes and hence direct lysosomes movement toward microtubule plus ends .

**Subcellular
Location :**

Cytoplasm, cytoskeleton . Lysosome membrane ; Peripheral membrane protein ; Cytoplasmic side .

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