Best Tools for immunology Research

ARPC4 rabbit pAb

Catalog No :	YN7252
Reactivity :	Human;Mouse
Applications :	WB
Target :	ARPC4
Gene Name :	ARPC4 ARC20
Protein Name :	Actin-related protein 2/3 complex subunit 4 (Arp2/3 complex 20 kDa subunit) (p20-ARC)
Human Gene Id :	10093
Human Swiss Prot No :	P59998
Mouse Gene Id :	68089
Mouse Swiss Prot No :	P59999
Immunogen :	Synthesized peptide derived from human ARPC4
Specificity :	This antibody detects endogenous levels of ARPC4 at Human, Mouse
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 :	18kD
Function :	Actin-binding component of the Arp2/3 complex, a multiprotein complex that mediates actin polymerization upon stimulation by nucleation-promoting factor (NPF) . The Arp2/3 complex mediates the formation of branched actin networks in the cytoplasm, providing the force for cell motility . In addition to its role in the cytoplasmic cytoskeleton, the Arp2/3 complex also promotes actin polymerization in the nucleus, thereby regulating gene transcription and repair of damaged DNA . The Arp2/3 complex promotes homologous recombination (HR) repair in response to DNA damage by promoting nuclear actin polymerization, leading to drive motility of double-strand breaks (DSBs) .
Subcellular Location :	Cytoplasm, cytoskeleton . Cell projection . Nucleus .
Sort :	25929
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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