

PHF10 rabbit pAb

Catalog No :	YN8733
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	PHF10
Gene Name :	PHF10 BAF45A
Protein Name :	PHD finger protein 10 (BRG1-associated factor 45a) (BAF45a) (XAP135)
Human Gene Id :	55274
Human Swiss Prot No :	Q8WUB8
Mouse Gene Id :	72057
Mouse Swiss Prot No :	Q9D8M7
Rat Gene Id :	292404
Rat Swiss Prot No :	Q4V7A6
Immunogen :	Synthesized peptide derived from human PHF10
Specificity :	This antibody detects endogenous levels of PHF10 at Human, Mouse,Rat
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 :	55kD
Function :	Involved in transcription activity regulation by chromatin remodeling. Belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and is required for the proliferation of neural progenitors. During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in neuron-specific complexes (nBAF). The npBAF complex is essential for the self-renewal/proliferative cap
Subcellular Location :	Nucleus .
Sort :	27410
No4 :	1

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