

# Microcephalin Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51933

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8NEM0</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	92849

## Additional Information

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<b>Gene ID</b>	79648
<b>Other Names</b>	Microcephalin, MCPH1
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Microcephalin. The exact sequence is proprietary.
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	MCPH1 ( <a href="#">HGNC:6954</a> )
<b>Function</b>	Implicated in chromosome condensation and DNA damage induced cellular responses. May play a role in neurogenesis and regulation of the size of the cerebral cortex.
<b>Cellular Location</b>	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome
<b>Tissue Location</b>	Expressed in fetal brain, liver and kidney.

## Background

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Implicated in chromosome condensation and DNA damage induced cellular responses. May play a role in neurogenesis and regulation of the size of the cerebral cortex.

## References

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Barry C.,et al.Patent number WO0114550, 01-MAR-2001.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Nusbaum C.,et al.Nature 439:331-335(2006).  
Lin S.-Y.,et al.Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases.  
Jackson A.P.,et al.Am. J. Hum. Genet. 71:136-142(2002).

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