www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

SEPT4

Reactivity: Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:200 - 1:2000

Calculated MW:55kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human SEPT4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

H5; ARTS; MART; SEP4; CE5B3; PNUTL2; hucep-7; BRADEION; hCDCREL-2;

Catalog #:A10238

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:5414

Isotype: IgG

Swiss Prot:O43236

Purity: Affinity purification

For research use only.

Background:

This gene is a member of the septin family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse, and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is highly expressed in brain and heart. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. One of the isoforms (known as ARTS) is distinct; it is localized to the mitochondria, and has a role in apoptosis and cancer.

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