

Product Information

Product SKU:	CAB10238	Gene ID:	5414	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	45kDa	Conjugate:	Unconjugated
Calculated MW:	55kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB,1:100 - 1:500 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

Synonyms: H5; ARTS; MART; SEP4; CE5B3; SEPT4; PNUTL2; hucep-7; BRADEION; C17orf47; hCDCREL-2; Septin 4

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human Septin 4 (NP_536341.1).

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