



# Rabbit Anti-Human SEPT4 Polyclonal Antibody (DPABH-25970)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |  |
|---------------------------|--|
| <b>Immunogen</b>          | Recombinant Protein, antigen sequence:<br>YDDDLFRPPSRPQSSDNQQYFCAPAPLSPSARPRSPWGKLDPYDSSEDDKEYVGFATLP<br>NQVHRKS   |
| <b>Isotype</b>            | IgG  |
| <b>Source/Host</b>        | Rabbit   |
| <b>Species Reactivity</b> | Human  |
| <b>Purification</b>       | Antigen affinity purified  |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | IHC, WB  |
| <b>Format</b>             | Liquid   |
| <b>Size</b>               | 100 µl   |
| <b>Buffer</b>             | 40% glycerol and PBS (pH 7.2).   |
| <b>Preservative</b>       | 0.02% Sodium Azide   |
| <b>Storage</b>            | Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user. |

## BACKGROUND

**Introduction**

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. [provided by RefSeq, Nov 2010]

**Keywords**

SEPT4; septin 4; H5; ARTS; MART; SEP4; CE5B3; PNUTL2; hucep-7; BRADEION; hCDCREL-2; septin-4; septin-M; CE5B3 beta; bradeion beta; brain protein H5; cerebral protein 7; peanut-like protein 2; cell division control-related protein 2; apoptosis-related protein in the TGF-beta signaling pathway;

## GENE INFORMATION

**Entrez Gene ID**

[5414](#)

**UniProt ID**

[O43236](#)