

Product datasheet for **AP22420PU-N**

SEPTIN4 (33-44) Goat Polyclonal Antibody

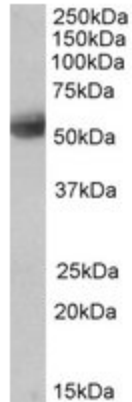
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Peptide ELISA: Limit Dilution: 1/16000. Western blot: 0.3-1 µg/ml. Approx 52kDa band observed in Human Brain (Cerebellum) and Mouse Brain lysates.
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_004565.1; NP_536341.1, NP_001185642.1
Specificity:	Recognizes SEPT4 (33-44). This antibody is expected to recognize all reported isoforms (NP_004565.1, NP_536340.1, NP_536341.1, NP_001185642.1).
Formulation:	Tris saline, pH~7.3 with 0.02% Sodium Azide and 0.5% BSA State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	septin 4
Database Link:	Entrez Gene 18952 Mouse Entrez Gene 5414 Human Q8NEP4



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- Background:** The ARTS gene is a member of the septin gene 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. ARTS encodes a protein that is thought to be part of a complex involved in cytokinesis.
- Synonyms:** PNUTL2, hucep-7, Peanut-like protein 2, Brain protein H5, Bradeion beta, CE5B3 beta, Cerebral protein 7, hCDCREL-2, ARTS
- Note:** Calculated Molecular Weight: 53.0kDa (NP_536341.1).

Product images:

ARTS antibody staining of Human Cerebellum lysate at 0.5 ug/ml (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.