

Product datasheet for **TA306101**

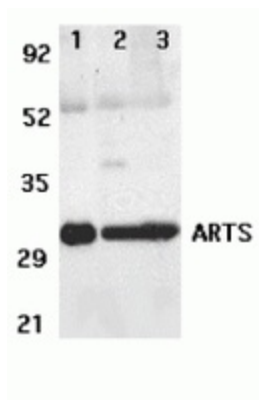
SEPTIN4 Rabbit Polyclonal Antibody

Product data:

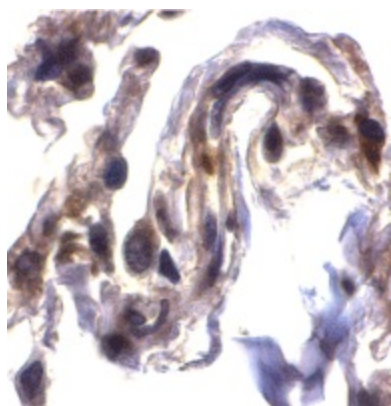
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 2 ug/mL, ICC: 2 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ARTS antibody was raised against a synthetic peptide corresponding to amino acids near the amino terminus of human ARTS.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	septin 4
Database Link:	AAG45673 Entrez Gene 5414 Human O43236
Background:	Apoptosis is related to many diseases and development. Mitochondrial proteins, such as cytochrome c, Apaf-1, and AIF play important role in apoptosis. A novel mitochondrial septin-like protein was identified recently and designated ARTS for apoptosis related protein in TGF- β signaling pathway (1). ARTS that is encoded by the human septin H5/PNUTL2/CDCrel2b gene (1-4) is located to mitochondria and translocates to the nucleus when apoptosis occurs. ARTS is expressed in many tissues. It enhances cell death induced by TGF- β and, to a lesser extent, by other apoptotic agents, such as TNF- α and Fas ligand.
Synonyms:	ARTS; BRADEION; CE5B3; H5; hCDCREL-2; hucep-7; MART; PNUTL2; SEP4



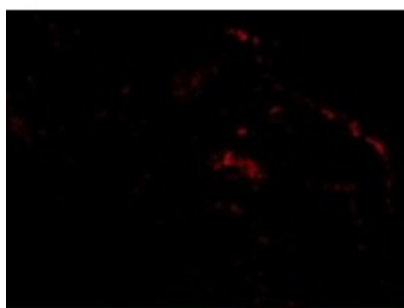
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Product images:

Western blot analysis of ARTS expression in human lung (lane 1), spleen (lane 2), and kidney (lane 3) tissue lysates with ARTS antibody at 2 ug/ml.



Immunohistochemistry of ARTS in human lung tissue with ARTS antibody at 2 ug/ml.



Immunofluorescence of ARTS in Human Lung cells with ARTS antibody at 20 ug/mL.