



Anti-SEPT2 (aa 2-14) polyclonal antibody (DPABH-05615)

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

PRODUCT INFORMATION

Antigen Description	The septins are a family of cytoskeletal GTPases that play an essential role in cytokinesis in mammalian cells. Septin 2 (Nedd5) is a mammalian septin known to associate with actin based structures such as the contractile ring and stress fibers. It is involved in cytokinesis and may assemble into a multicomponent structure.
Immunogen	Synthetic peptide: SKQQPTQFINPET with a C terminal Cysteine residue linker, corresponding to N terminal amino acids 2-14 of Human Septin 2 (NP_001008491.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 0.5% BSA, 99% Tris buffered saline
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	SEPT2 septin 3 [Homo sapiens]
Official Symbol	SEPT2
Synonyms	SEPT2; septin 2; DIFF6; NEDD5; NEDD-5; Pnrtl3; hNedd5; septin-2; neural precursor cell expressed, developmentally down-regulated 5; neural precursor cell expressed developmentally down-regulated protein 5;
Entrez Gene ID	4735
Protein Refseq	NP_001008491.1
UniProt ID	Q15019
Pathway	Bacterial invasion of epithelial cells; CDC42 signaling events;
Function	GTP binding; enzyme regulator activity; protein binding; protein complex scaffold