



Anti-POLDIP3 (aa 5-95) polyclonal antibody (DPABH-18842)

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

PRODUCT INFORMATION

Antigen Description	Is involved in regulation of translation. Is preferentially associated with CBC-bound spliced mRNA-protein complexes during the pioneer round of mRNA translation. Contributes to enhanced translational efficiency of spliced over nonspliced mRNAs. Recruits activated ribosomal protein S6 kinase beta-1 I/RPS6KB1 to newly synthesized mRNA.
Immunogen	antigen, corresponding to amino acids 5-95 (SLDELIRKRG AAAKGRLNAR PGVGGVRSRV GIQQGLLSQS TRTATFQQRF DARQKIGLSD ARLKLGVKDA REKLLQKDAR FRIKGKVQDA R) of Human SKAR.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB, ICC/IF
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	POLDIP3 polymerase (DNA-directed), delta interacting protein 4 [Homo sapiens]
Official Symbol	POLDIP3
Synonyms	POLDIP3; polymerase (DNA-directed), delta interacting protein 3; SKAR; PDIP46; polymerase delta-interacting protein 3; RNA-binding protein P46; S6K1 Aly/REF-like target; 46 kDa DNA polymerase delta interaction protein;
Entrez Gene ID	84271
Protein Refseq	NP_001265586.1
UniProt ID	B4E0L0
Pathway	mTOR signaling pathway.
Function	nucleotide binding; poly(A) RNA binding; protein binding;