



Anti-PURB (aa 262-312) polyclonal antibody (DPABH-24872)

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

PRODUCT INFORMATION

Antigen Description	Has capacity to bind repeated elements in single-stranded DNA such as the purine-rich single strand of the PUR element located upstream of the MYC gene. Plays a role in the control of vascular smooth muscle (VSM) alpha-actin gene transcription as repressor in myoblasts and fibroblasts. Participates in transcriptional and translational regulation of alpha-MHC expression in cardiac myocytes by binding to the purine-rich negative regulatory (PNR) element. Modulates constitutive liver galectin-3 gene transcription by binding to its promoter. May play a role in the dendritic transport of a subset of mRNAs.
Immunogen	Synthetic peptide, corresponding to a region between amino acids 262-312 of Human Pur B (NP_150093.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IP
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% Tris citrate/phosphateNote: pH 7 to 8
Preservative	0.09% Sodium Azide

Storage

Store at 2-8°C.

GENE INFORMATION

Gene Name	PURB purine-rich element binding protein B [Homo sapiens]
Official Symbol	PURB
Synonyms	PURB; purine-rich element binding protein B; PURBETA; transcriptional activator protein Pur-beta; purine-rich element-binding protein B;
Entrez Gene ID	5814
Protein Refseq	NP_150093.1
UniProt ID	Q96QR8
Function	SMAD binding; double-stranded DNA binding; mRNA binding; poly(A) RNA binding