



Anti-RAP2B (full length) polyclonal antibody (DPAB-DC2669)

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

PRODUCT INFORMATION

Antigen Description	This intronless gene belongs to a family of RAS-related genes. The proteins encoded by these genes share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between the RAP and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. Evidence suggests that this protein may be polyisoprenylated and palmitoylated.
Immunogen	RAP2B (AAH12362, 1 a.a. ~ 183 a.a) full-length recombinant protein with GST tag. The sequence is MREYKVVVLGSGGVGKSALTQFVTGSFIEKYDPTIEDFYRKEIEVDSSPSVLEILD TAGTEQFASMRDLYIKNGQGFI LVYSLVNQQSFQDIKPMRDQIIRVKRYERVP MILVGNKV DLEGEREVSYGEGKALAE EWSCPFMETS AKNKASVDELFAEIVRQMNYAAQ PNGDEG CCSACVIL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	RAP2B RAP2B, member of RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAP2B
Synonyms	RAP2B; RAP2B, member of RAS oncogene family; ras-related protein Rap-2b; small GTP binding protein;
Entrez Gene ID	5912
Protein Refseq	NP_002877
UniProt ID	P61225
Chromosome Location	3q25.2
Function	GDP binding; GTP binding; protein domain specific binding;