



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

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	RAP2B (AAH12362, 1 a.a. ~ 183 a.a) full-length recombinant protein with GST tag. The sequence is  MREYKVVVLGSGGVGKSALTQVFVTGSFIEKYDPTIEDFYRKEIEVDSSPSVLEILDTAG TEQFASMRDLYIKNGQGFILVYSLVNQQSFQDIKPMRDQIIRVKRYERVPMILVGNKVDL EGEREVSYGEGKALAEWSCP FMETSAKNKASVDELF AIEVRQM NYAAQPNGDEGCCSAC VIL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

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