



Anti-RAB2A (full length) polyclonal antibody (DPAB-DC2650)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the Rab family, members of which are small molecular weight guanosine triphosphatases (GTPases) that contain highly conserved domains involved in GTP binding and hydrolysis. The Rabs are membrane-bound proteins, involved in vesicular fusion and trafficking. This protein is a resident of pre-Golgi intermediates, and is required for protein transport from the endoplasmic reticulum (ER) to the Golgi complex. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	RAB2 (AAH08929, 1 a.a. ~ 212 a.a) full-length recombinant protein with GST tag. The sequence is MAYAYLFKYIIIGDTGVGVKSCLLQFTDKRFQPVHDLTIGVEFGARMITIDGKQIKLQIW DTAGQESFRSITRSYYRGAAGALLVYDITRRDTFNHLTTWLEDARQHSNSNMVIMLIGNK SDLESRREVVKKEEGEAFAREHGLIFMETSAKTASNVEEAFINTAKEIYEKIQEGVFDINN EANGIKIGPQHAATNATHAGNQGGQQAGGGCC
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	RAB2A RAB2A, member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB2A
Synonyms	RAB2A; RAB2A, member RAS oncogene family; LHX; RAB2; ras-related protein Rab-2A; small GTP binding protein RAB2A; RAB2, member RAS oncogene family;
Entrez Gene ID	5862
Protein Refseq	NP_001229573
UniProt ID	P61019
Chromosome Location	8q12.1
Pathway	AMPK signaling pathway; Cell Cycle; Golgi Cisternae Pericentriolar Stack Reorganization; Mitotic Prophase
Function	GDP binding; GTP binding; GTPase activity;