



Anti-RIN2 (aa 786-894) polyclonal antibody (DPAB-DC2325)

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

PRODUCT INFORMATION

Antigen Description	The RAB5 protein is a small GTPase involved in membrane trafficking in the early endocytic pathway. The protein encoded by this gene binds the GTP-bound form of the RAB5 protein preferentially over the GDP-bound form, and functions as a guanine nucleotide exchange factor for RAB5. The encoded protein is found primarily as a tetramer in the cytoplasm and does not bind other members of the RAB family. Mutations in this gene cause macrocephaly alopecia cutis laxa and scoliosis (MACS) syndrome, an elastic tissue disorder, as well as the related connective tissue disorder, RIN2 syndrome. Alternative splicing results in multiple transcript variants.
Immunogen	RIN2 (NP_061866, 786 a.a. ~ 894 a.a) partial recombinant protein with GST tag. The sequence is DFQNYLRVAFQEVSNGCTGKTLLVRPYITTEDVCQICAEKFKVGDPEEYSLFLFVDETWQ QLAEDTYPQKIKAEHLSRPQPHIFHFVYKRIKNDPYGIIFQNGEEDLTT
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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	RIN2 Ras and Rab interactor 2 [Homo sapiens (human)]
Official Symbol	RIN2
Synonyms	RIN2; Ras and Rab interactor 2; MACS; RASSF4; ras and Rab interactor 2; RAS inhibitor JC265; RAB5 interacting protein 2; RAS association domain family 4; RAS interaction/interference protein 2; RAS association (RalGDS/AF-6) domain containing protein JC265;
Entrez Gene ID	54453
Protein Refseq	NP_001229510
UniProt ID	Q8WYP3
Chromosome Location	20p11.22
Pathway	Signaling events mediated by Hepatocyte Growth Factor Receptor (c-Met).
Function	GTPase activator activity; Rab guanyl-nucleotide exchange factor activity; small GTPase regulator activity;