



Human RALBP1 peptide (DAG-P1058)

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

PRODUCT INFORMATION

Antigen Description	RALBP1 plays a role in receptor-mediated endocytosis and is a downstream effector of the small GTP-binding protein RAL (see RALA; MIM 179550). Small G proteins, such as RAL, have GDP-bound inactive and GTP-bound active forms, which shift from the inactive to the active state through the action of RALGDS (MIM 601619), which in turn is activated by RAS (see HRAS; MIM 190020) (summary by Feig, 2003 [PubMed 12888294]).[supplied by OMIM, Nov 2010]
Specificity	Expressed ubiquitously but at low levels. Shows a strong expression in the erythrocytes.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 Rho-GAP domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	RALBP1 ralA binding protein 1 [Homo sapiens (human)]
Official Symbol	RALBP1
Synonyms	RALBP1; ralA binding protein 1; RIP1; RLIP1; RLIP76; ralA-binding protein 1; DNP-SG ATPase; ral-interacting protein 1; 76 kDa Ral-interacting protein; dinitrophenyl S-glutathione ATPase;
Entrez Gene ID	10928

mRNA Refseq	NM_006788.3
Protein Refseq	NP_006779.1
UniProt ID	Q15311
Chromosome Location	18p11.3
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem; Pancreatic cancer, organism-specific biosystem; Pancreatic cancer, conserved biosystem; Pathways in cancer, organism-specific biosystem; RalA downstream regulated genes, organism-specific biosystem; Ras signaling pathway, organism-specific biosystem; Regulation of CDC42 activity, organism-specific biosystem; Regulation of RAC1 activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-s
Function	ATPase activity; ATPase activity, coupled to movement of substances; GTPase activator activity; Rac GTPase activator activity; Rac GTPase binding; Ral GTPase binding; protein binding;