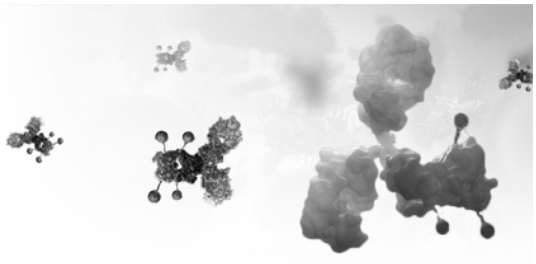

Human DAB2 peptide (DAG-P0343)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a mitogen-responsive phosphoprotein. It is expressed in normal ovarian epithelial cells, but is down-regulated or absent from ovarian carcinoma cell lines, suggesting its role as a tumor suppressor. This protein binds to the SH3 domains of GRB2, an adaptor protein that couples tyrosine kinase receptors to SOS (a guanine nucleotide exchange factor for Ras), via its C-terminal proline-rich sequences, and may thus modulate growth factor/Ras pathways by competing with SOS for binding to GRB2. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Conjugate	Unconjugated
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	DAB2 Dab, mitogen-responsive phosphoprotein, homolog 2 (Drosophila) [Homo sapiens (human)]
Official Symbol	DAB2
Synonyms	DAB2; Dab, mitogen-responsive phosphoprotein, homolog 2 (Drosophila); DOC2; DOC-2; disabled homolog 2; differentially-expressed protein 2; disabled homolog 2, mitogen-responsive phosphoprotein;
Entrez Gene ID	1601
mRNA Refseq	NM_001244871.1

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Protein Refseq	NP_001231800.1
UniProt ID	P98082
Chromosome Location	5p13.1
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Formation of annular gap junctions, organism-specific biosystem; Gap junction degradation, organism-specific biosystem; Gap junction trafficking, organism-specific biosystem; Gap junction trafficking and regulation, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem; TGF-beta receptor signaling, organism-specific biosystem; Wnt
Function	AP-2 adaptor complex binding; SMAD binding; cargo receptor activity; clathrin adaptor activity; integrin binding; phosphatidylinositol-4,5-bisphosphate binding; protein C-terminus binding; protein binding;

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