

Recombinant Human DAB2 293 Cell Lysate

Cat. No. DAB2-7086HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) (DAB2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	DAB2 disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) [Homo sapiens]
Official Symbol	DAB2
Synonyms	DAB2; disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila); disabled (Drosophila) homolog 2 (mitogen responsive phosphoprotein); disabled homolog 2; DOC 2; differentially-expressed protein 2; DOC2; DOC-2; FLJ26626;
Gene ID	1601
mRNA Refseq	NM_001244871
Protein Refseq	NP_001231800
MIM	601236
UniProt ID	P98082
Chromosome Location	5p13
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;

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Function

protein C-terminus binding; protein binding;

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