

Recombinant Human AP2A2 293 Cell Lysate

Cat. No. AP2A2-8816HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for adaptor-related protein complex 2, alpha 2 subunit (AP2A2) 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.

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

GENE INFORMATION
Gene Name

AP2A2 adaptor-related protein complex 2, alpha 2 subunit [Homo sapiens]

Official Symbol

AP2A2

Synonyms

AP2A2; adaptor-related protein complex 2, alpha 2 subunit; ADTAB, CLAPA2; AP-2 complex subunit alpha-2; adaptin; alpha B; alpha adaptin C; Huntingtin interacting protein J; clathrin associated/assembly/adaptor protein; large; alpha 2; DKFZP564D1864; HIP9; HYPJ; KIAA0899; alpha2-adaptin; adaptin, alpha B; huntingtin yeast partner J; 100 kDa coated vesicle protein C; huntingtin-interacting protein 9; alpha-adaptin C; Huntingtin interacting protein J; clathrin assembly protein complex 2 alpha-C large chain; plasma membrane adaptor HA2/AP2 adaptin alpha C subunit; clathrin-associated/assembly/adaptor protein, large, alpha 2; ADTAB; HIP-9; CLAPA2; FLJ37177;

Gene ID

161

mRNA Refseq

NM_001242837

Protein Refseq

NP_001229766

MIM

607242

UniProt ID

O94973

Chromosome

11p15.5

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Location	
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Disease, organism-specific biosystem; EGFR downregulation, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, conserved biosystem; Endocytosis, organism-specific biosystem;
Function	lipid binding; molecular_function; protein transporter activity;

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