

Recombinant Human RYBP cell lysate

Cat. No. RYBP-001HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APAP-1 / AAP1 / RYBP derived in Baculovirus-Insect cells. The whole cell lysate is provided in 1X Sample Buffer. Browse all transfected cell lysate positive controls
Species	Human
Source	Insect Cells
Preparation method	Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer with cocktail of protease inhibitors. Cell debris was removed by centrifugation and then centrifuged to clarify the lysate. The cell lysate was boiled for 5 minutes in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% b-mercaptoethanol, and lyophilized.
Lysis buffer	Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF
Quality control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Recommended Usage	1. Centrifuge the tube for a few seconds and ensure the pellet at the bottom of the tube. 2. Re-dissolve the pellet using 200µL pure water and boiled for 2-5 min. 3. Store it at -80°C. Recommend to aliquot the cell lysate into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. Notes: The lysate is ready to load on

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	SDS-PAGE for Western blot application. If dissociating conditions are required, add reducing agent prior to heating.
Stability	Samples are stable for up to twelve months from date of receipt at -80°C
Storage Buffer	50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF
Storage Instruction	Lysate samples are stable for 12 months from date of receipt when stored at -80°C. Avoid repeated freeze-thaw cycles. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.
GENE INFORMATION	
Gene Name	RYBP RING1 and YY1 binding protein [Homo sapiens]
Official Symbol	RYBP
Synonyms	RYBP; RING1 and YY1 binding protein; RING1 and YY1-binding protein; AAP1; apoptin associating protein 1; death effector domain associated factor; DEDAF; ring1 interactor RYBP; YEAF1; YY1 and E4TF1 associated factor 1; APAP-1; DED-associated factor; apoptin-associating protein 1; YY1 and E4TF1-associated factor 1; death effector domain-associated factor;
Gene ID	23429
mRNA Refseq	NM_012234
Protein Refseq	NP_036366
MIM	607535

UniProt ID	Q8N488
Chromosome Location	3p14.2
Pathway	E2F transcription factor network, organism-specific biosystem;
Function	DNA binding; metal ion binding; protein binding; transcription corepressor activity; zinc ion binding;

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