Recombinant Human ABR 293 Cell Lysate

Cat. No. ABR-9122HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for active BCR-related gene (ABR), transcript variant 1 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	ABR active BCR-related [Homo sapiens]
Official Symbol	ABR
Synonyms	ABR; active BCR-related; active BCR related gene; active breakpoint cluster region-related protein; MDB; FLJ45954;
Gene ID	29
mRNA Refseq	NM_001092
Protein Refseq	NP_001083
MIM	600365
UniProt ID	Q12979
Chromosome Location	17p13
Pathway	Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; NRAGE signals death through JNK, organism-specific biosystem; Regulation of RAC1 activity, organism-specific biosystem; Regulation of RhoA activity, organism-specific biosystem; Rho GTPase

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	cycle, organism-specific biosystem;
Function	GTPase activator activity; Rac GTPase activator activity; Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity;

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