

BAGE5 Polyclonal Antibody

Catalog # AP73244

Product Information

Application WB
Primary Accession O9UL15

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW51200

Additional Information

Gene ID 9529

Other Names BAG5; KIAA0873; BAG family molecular chaperone regulator 5; BAG-5;

Bcl-2-associated athanogene 5

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name BAG5

Synonyms KIAA0873

Function Co-chaperone for HSP/HSP70 proteins. It functions as a nucleotide-exchange

factor promoting the release of ADP from HSP70, thereby activating

HSP70-mediated protein refolding (PubMed: 20223214). Has an essential role in maintaining proteostasis at junctional membrane complexes (JMC), where it may function as a scaffold between the HSPA8 chaperone and JMC proteins enabling correct, HSPA8-dependent JMC protein folding (By similarity). Inhibits both auto-ubiquitination of PRKN and ubiquitination of target

proteins by PRKN (By similarity).

Cellular Location Note=In cardiomyocytes, localized at specialized membrane contact sites

between T-tubules and the sarcoplasmic reticulum, known as junctional

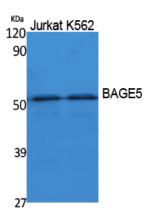
membrane complexes {ECO:0000250 | UniProtKB:Q8CI32}

Tissue Location Expressed in the heart.

Background

Inhibits both auto-ubiquitination of PRKN and ubiquitination of target proteins by PRKN (By similarity). May function as a nucleotide exchange factor for HSP/HSP70, promoting ADP release, and activating Hsp70-mediated refolding.

Images



Western Blot analysis of extracts from Jurkat, K562 cells, using BAGE5 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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