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BAG3 Rabbit mAb

Catalog # AP75140

Product Information

Primary Accession	O95817
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	61595

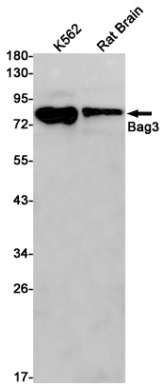
Additional Information

Gene ID	9531
Other Names	BAG3
Format	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	BAG3
Synonyms	BIS
Function	Co-chaperone and adapter protein that connects different classes of molecular chaperones including heat shock proteins 70 (HSP70s), e.g. HSPA1A/HSP70 or HSPA8/HSC70, and small heat shock proteins (sHSPs), e.g. HSPB8 (PubMed:27884606, PubMed:30559338). Acts as a nucleotide-exchange factor (NEF) promoting the release of ADP from HSP70s, thereby triggering client protein release (PubMed:27884606, PubMed:30559338). Nucleotide release is mediated via BAG3 binding to the nucleotide-binding domain (NBD) of HSP70s, whereas client release is mediated via binding to the substrate-binding domain (SBD) (PubMed:27474739, PubMed:9873016). Has anti-apoptotic activity (PubMed:10597216). Plays a role in the HSF1 nucleocytoplasmic transport (PubMed:26159920).
Cellular Location	Nucleus. Cytoplasm. Note=Colocalizes with HSF1 to the nucleus upon heat stress (PubMed:26159920)

Images



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