

Rag A/B (13G15) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01659

Product information

产品货号	HZ-YMA01659
别名	RRAGA;Ras-related GTP-binding protein A;Rag A;RagA;Adenovirus E3 14.7 kDa-interacting protein 1;FIP-1;RRAGB;Ras-related GTP-binding protein B;Rag B;RagB
产品名称	Rag A/B (13G15) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	RRAGA/RRAGB
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	10670;10325
Human Swissprot No.	Q7L523;Q5VZM2
稀释度	IHC-P 1:200-1:500;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200
参考分子量	30,37kDa
预测分子量	37kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	function:Involved in the RCC1/Ran-GTPase pathway. May play a direct role in a TNF-alpha signaling pathway leading to induction of cell death. May alternatively act as a cellular target for adenovirus E3-14.7K , an inhibitor of TNF-alpha functions , thereby affecting cell death. Has guanine nucleotide-binding activity but undetectable intrinsic GTPase activity. ,similarity:Belongs to the GTR/RAG GTP-binding protein family. ,subcellular location:Predominantly cytoplasmic. May shuttle between the cytoplasm and nucleus , depending on the bound nucleotide state. Colocalizes in vivo with adenovirus E3-14.7K mainly to the cytoplasm especially near the nuclear membrane and in discrete foci on or near the plasma membrane. ,subunit:Can occur as a homodimer , or form a heterodimer with RRAGC or RRAGD in a sequence-independent manner. Binds GTP. The GTP-bound form of RRAGA interacts with NOL8. Interacts with adenovirus E3 14.7 kDa protein. ,tissue specificity:Ubiquitously expressed with highest levels of expression in skeletal muscle , heart , and brain. ,
细胞定位	Cytoplasm . Nucleus . Lysosome . Predominantly cytoplasmic. May shuttle between the cytoplasm and nucleus , depending on the bound nucleotide state (PubMed:8995684 , PubMed:9394008) . Colocalizes in vivo with adenovirus E3-14.7K mainly to the cytoplasm especially near the nuclear membrane and in discrete foci on or near the plasma membrane (PubMed:8995684) . .
纯化	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Clonality	Monoclonal