Grp78/BiP polyclonal antibody

Grp78 (Glucose Regulated 78kDa Protein), is also known as BiP or Immunoglobulin heavy chain binding protein. It is a stressresponse protein which is induced by agents or conditions that adversely affect endoplasmic reticulum (ER) function. This protein is essential for the proper glycosylation, folding, and assembly of many membrane bound and secreted proteins as well as for maintenance of cell homeostasis and the prevention of apoptosis.

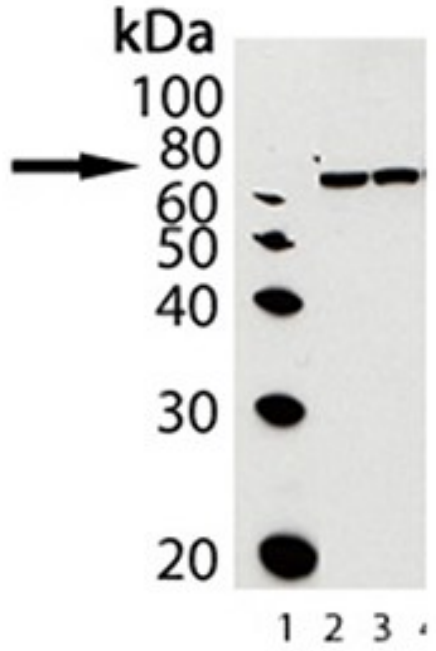
This antibody is covered by our Worry-Free Guarantee.

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ADI-SPA-769-0200	200µg

Manuals, SDS & CofA View Online »



Western blot analysis of Grp78, pAb (Prod. No. ADI-SPA-769): Lane 1: MW marker, Lane2: Grp78/BiP (hamster), (recombinant) (Prod. No. ADI-SPP-765), Lane3: Liver (rat), (microsome extract) (Prod. No. ADI-LYT-RM100)

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	HspA5, Glucose Regulated Protein 78, Hsp70-5, Heat shock protein 70 family
Application	WB
Application Notes	Detects a band of ~78kDa by Western blot.
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
GenBank ID	M14050
Host	Rabbit
Immunogen	Synthetic peptide corresponding to the sequence near the C-terminus of rat Grp78 (BiP). The sequence is completely conserved in mouse and hamster.
Purity Detail	Protein A affinity purified.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Fungus, Hamster, Monkey, Mouse, Rabbit, Rat, Xenopus
UniProt ID	P06761
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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