

Rabbit Grp78/BiP Polyclonal Antibody | anti-Hspa5 antibody

Grp78/BiP polyclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77008	Rabbit	Mouse, Rat, Bovine, Fungus, Hamster, Monkey, Rabbit, Xenopus	Western Blot

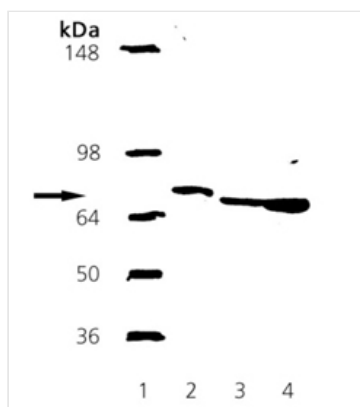
PRODUCT SYNONYMS

Grp78/BiP; Polyclonal Antibody; Grp78/BiP polyclonal antibody; Hspa5; HSP70-5; Glucose-regulated protein 78; Heat shock 70kDa protein 5; anti-Hspa5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Bovine, Fungus, Hamster, Monkey, Rabbit, Xenopus
Clonality	Polyclonal
Purity/Purification	Protein A affinity purified.
Form/Format	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
Sequence Length	654
Applicable Applications for anti-Hspa5 antibody	WB (Western Blot)
Source	Purified from rabbit serum
Immunogen	Synthetic peptide corresponding to the sequence near the C-terminus of rat Grp78 (BiP). The sequence is completely conserved in mouse and hamster.
Preparation and Storage	Long term storage: -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis: Lane 1: MW marker, Lane 2: 150 ng of Grp78 (BiP) recombinant protein, Lane 3: 20 µg of CHO-K1 cell lysate, Lane 4: 20 µg of mouse liver microsome tissue extract .

ADDITIONAL INFORMATION

Related Product Information for anti-Hspa5 antibody	Scientific Background: 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.
Product Categories/Family for anti-Hspa5 antibody	Protein Synthesis & Folding

NCBI AND UNIPROT INFORMATION

NCBI GI #	121574
NCBI GeneID	25617
UniProt Accession #	P06761
NCBI Official Full Name	78 kDa glucose-regulated protein
NCBI Official Synonym Full Names	heat shock protein family A member 5
NCBI Official Symbol	Hspa5
NCBI Official Synonym Symbols	BIP; GRP78
NCBI Protein Information	78 kDa glucose-regulated protein
UniProt Protein Name	78 kDa glucose-regulated protein
UniProt Gene Name	Hspa5
UniProt Synonym Gene Names	Grp78; GRP-78; BiP
UniProt Entry Name	GRP78_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/grp78-bip-antibody-western-blot-elisa/77008>