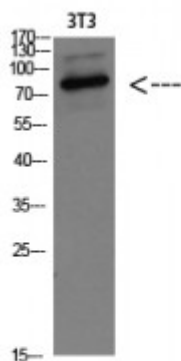


Anti-GRP78 BiP antibody



Description	Rabbit polyclonal to GRP78 BiP.
Model	STJ98969
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthetic peptide from human GRP78 BiP protein.
Immunogen Region	505-570 aa
Gene ID	3309
Gene Symbol	HSPA5
Dilution range	WB 1:500-2000ELISA 1:10000-20000
Specificity	The antibody detects endogenous GRP78 BiP.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	78 kDa glucose-regulated protein GRP-78 Endoplasmic reticulum lumenal Ca ²⁺ -binding protein grp78 Heat shock 70 kDa protein 5 Immunoglobulin heavy chain-binding protein BiP
Molecular Weight	78kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5238 OMIM:138120
Alternative Names	78 kDa glucose-regulated protein GRP-78 Endoplasmic reticulum luminal Ca ²⁺ -binding protein grp78 Heat shock 70 kDa protein 5 Immunoglobulin heavy chain-binding protein BiP
Function	Probably plays a role in facilitating the assembly of multimeric protein complexes inside the endoplasmic reticulum. Involved in the correct folding of proteins and degradation of misfolded proteins via its interaction with DNAJC10, probably to facilitate the release of DNAJC10 from its substrate.
Cellular Localization	Endoplasmic reticulum lumen Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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