

Rabbit GRP78 Polyclonal Antibody | anti-GRP78 antibody

GRP78 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301839	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

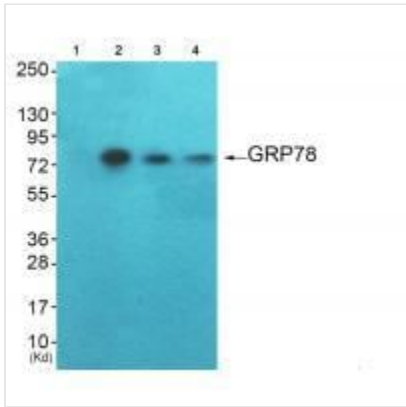
PRODUCT SYNONYMS

GRP78; Polyclonal Antibody; GRP78 Antibody; BIP; GLUCOSE-REGULATED PROTEIN 78-KD; HEAT-SHOCK 70-KD PROTEIN 5; IMMUNOGLOBULIN HEAVY CHAIN-BINDING PROTEIN; heat shock 70kDa protein 5 (glucose-regulated protein; anti-GRP78 antibody

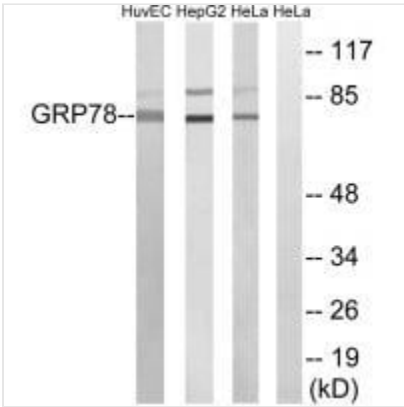
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GRP78 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	654
Applicable Applications for anti-GRP78 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human GRP78.
Target Name	GRP78
Preparation and Storage	Store at -20 degree C

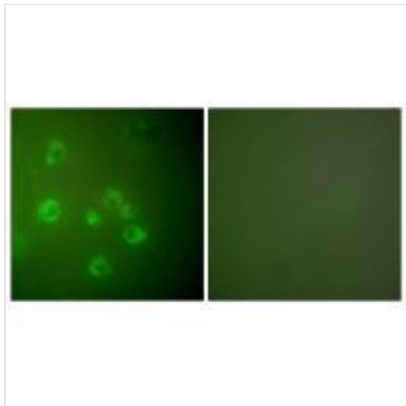
IMAGES



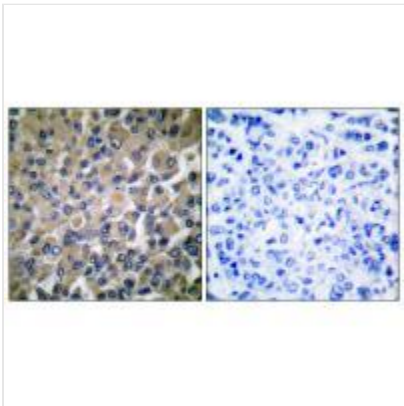
WB (Western Blot)
Western blot analysis of extracts from HuvEc cells (Lane 2), COS7 cells (Lane 3) and JK cells (Lane 4), using GRP78 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from HUVEC, HepG2 and HeLa cells, using GRP78 antibody.



IF (Immunofluorescence)
Immunofluorescence analysis of COS7 cells, using GRP78 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GRP78 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GRP78 antibody	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.
Product Categories/Family for anti-GRP78 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	16507237
NCBI GeneID	3309
NCBI Accession #	NP_005338.1
NCBI GenBank Nucleotide #	NM_005347.4
UniProt Accession #	P11021; Q2EF78; Q9NPF1; Q9UK02; B0QZ61
Molecular Weight	72,333 Da
NCBI Official Full Name	78 kDa glucose-regulated protein
NCBI Official Synonym Full Names	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)

NCBI Official Symbol	HSPA5
NCBI Official Synonym Symbols	BIP; MIF2; GRP78; HEL-S-89n
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_HUMAN

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://stage.aaabiotech.com/polyclonal/grp78-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301839>