

Rabbit GRP78 Polyclonal Antibody | anti-GRP78 antibody

GRP78 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266740	Rabbit	Human, Mouse, Rat, Pig	Immunocytochemistry, Immunohistochemistry, Western Blot, ELISA

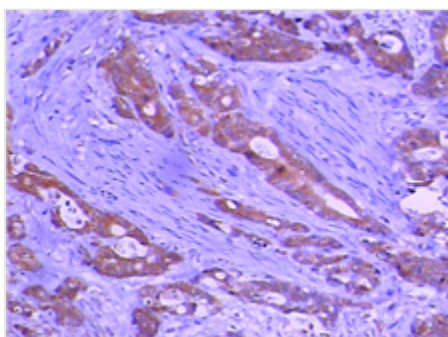
PRODUCT SYNONYMS

GRP78; Polyclonal Antibody; GRP78 Polyclonal Antibody; anti-GRP78 antibody

PRODUCT SPECIFICATIONS

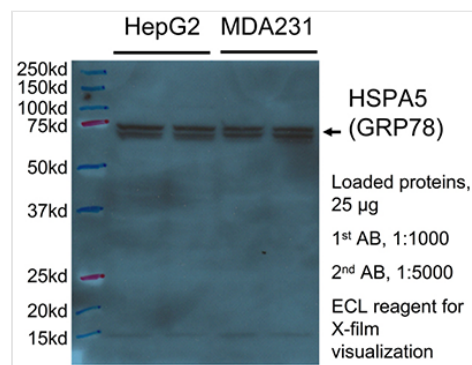
Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified by protein A column
Form/Format	Each vial at least contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of 0.01 M PBS, PH7.4, 1 mg/ml BSA, 20 % glycerol, 0.01 % (w/v) NaN ₃
Sequence Length	653
Applicable Applications for anti-GRP78 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human GRP78 (rh-GRP78), C-terminal of GRP78
Preparation and Storage	Store at -20 degree C upon arrival for one year. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

IHC of human colon cancer tissue (Stage IIIA, x100) 1st AB: E14-14, 1:250 2nd AB: ChemMate™ EnVision+ / HRP Brown: GRP78 Blue: nuclear staining with hematoxylin



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-GRP78 antibody

Glucose-regulated protein 78 (GRP78), also known as immunoglobulin heavy chain binding protein (BiP) or heat shock protein A5 (HSPA5), is one of the most important chaperons located on endoplasmic reticulum and a member of heat shock protein 70 family. GRP78 expresses conservatively among a wide variety of biological species, and acts as a central regulator in endoplasmic reticulum (ER) functions, involving in ER protein folding and assembly process, and maintaining ER Ca²⁺ homeostasis, unfolded protein response and specific anti-apoptosis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386758
NCBI GeneID	3309
NCBI Official Full Name	GRP78, partial
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 5
NCBI Official Symbol	HSPA5
NCBI Official Synonym Symbols	BIP; MIF2; GRP78; HEL-S-89n
NCBI Protein Information	endoplasmic reticulum chaperone BiP
UniProt Protein Name	Endoplasmic reticulum chaperone BiP
UniProt Gene Name	HSPA5
UniProt Synonym Gene Names	HSP70 family protein 5Curated

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-immunocytochemistry-immunohistochemistry-western-blot-elisa/266740>