

Goat anti-Human HSPA5/GRP78/BiP Polyclonal Antibody | anti-HSPA5 antibody

HSPA5/GRP78/BiP Goat anti-Human Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21379	Goat	Human	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

HSPA5/GRP78/BiP; Polyclonal Antibody; HSPA5/GRP78/BiP Goat anti-Human Polyclonal Antibody; IHC-plus HSPA5/GRP78/BiP Antibody; HSPA5; BiP; Heat shock 70 kDa protein 5; MIF2; GRP-78; GRP78; anti-HSPA5 antibody

PRODUCT SPECIFICATIONS

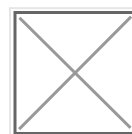
Host	Goat
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	TBS, pH7.3, 0.02% Sodium Azide, 0.5% BSA
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-HSPA5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA (Peptide ELISA), WB (Western Blot)
Target	Human HSPA5/GRP78/BiP
Immunogen	Peptide with sequence C-ESHQDADIEDFK, from the internal region (near C-Terminus) of the protein sequence according to NP_005338.1.
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

HSPA5/GRP78/BiP Antibody-Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



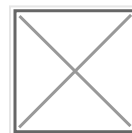
IHC (Immunohistochemistry)

HSPA5/GRP78/BiP Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

HSPA5/GRP78/BiP Antibody-Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

HSPA5/GRP78/BiP Antibody-HSPA5/GRP78/BiP antibody (0.3ug/ml) staining of Mouse Liver (A) and Testes (B) and (0.5ug/ml) Rat Brain (C) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

**WB (Western Blot)**

HSPA5/GRP78/BiP Antibody-HSPA5/GRP78/BiP antibody (1ug/ml) staining of HepG2 (A) and MCF7 (B) lysates (35ug protein in RIPA buffer). Detected by chemiluminescence.

**ICC (Immunocytochemistry)**

HSPA5/GRP78/BiP Antibody-HSPA5/GRP78/BiP antibody immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

ADDITIONAL INFORMATION**Related Product Information for anti-HSPA5 antibody**

BiP antibody is an unconjugated goat polyclonal antibody to human BiP (HSPA5/GRP78). Validated for IF, IHC, Peptide-ELISA and WB. Tested on 20 paraffin-embedded human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386758
NCBI GeneID	3309
UniProt Accession #	P11021; M19645
Molecular Weight	72,333 Da
NCBI Official Full Name	GRP78, partial
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
NCBI Protein Information	78 kDa glucose-regulated protein; immunoglobulin heavy chain-binding protein; endoplasmic reticulum luminal Ca(2+)-binding protein grp78
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/hspa5-grp78-bip-antibody-immunofluorescence-immunohistochemistry-peptide-elisa-western-blot-elisa/21379>