

Rabbit anti-Mouse, Human Hspa5 Polyclonal Antibody | anti-Hspa5 antibody

Hspa5 Antibody

CATALOG # AAA231842	HOST Rabbit	REACTIVITY Mouse, Human	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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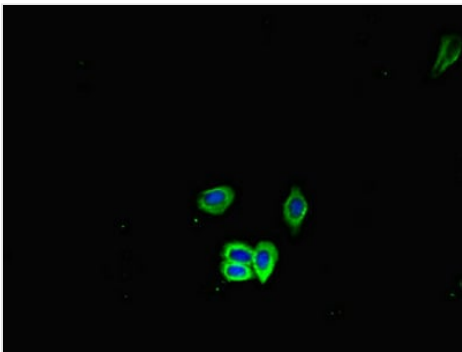
PRODUCT SYNONYMS

Hspa5; Polyclonal Antibody; Hspa5 Antibody; 78 kDa glucose-regulated protein; GRP-78; Heat shock 70 kDa protein 5; Immunoglobulin heavy chain-binding protein; BiP; Grp78; anti-Hspa5 antibody

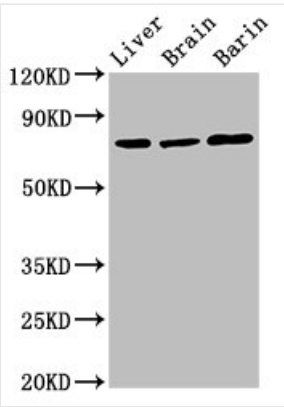
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	655
Applicable Applications for anti-Hspa5 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Species	Mouse
Immunogen	Recombinant mouse 78 kDa glucose-regulated protein (20-655AA)
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG-2 cells using AAA231842 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)
Western BlotPositive WB detected in: Rat liver tissue,Rat brain tissue,Mouse brain tissueAll lanes: Hspa5 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 73 KDaObserved band size: 73 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-Hspa5 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 (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254540168
NCBI GeneID	14828
NCBI Accession #	NP_001156906.1
NCBI GenBank Nucleotide #	NM_001163434.1
UniProt Accession #	P20029; O35642; Q3UFF2; Q61630
Molecular Weight	72,422 Da
NCBI Official Full Name	78 kDa glucose-regulated protein
NCBI Official Synonym Full Names	heat shock protein 5
NCBI Official Symbol	Hspa5
NCBI Official Synonym Symbols	Bip; Sez7; mBiP; Grp78; SEZ-7; Hsce70; baffled; AL022860; AU019543; D2Wsu17e; D2Wsu141e
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_MOUSE

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.