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## Product Information

**Size:**

50ug

**Protein Background:**

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.

**Reactivity:**

Mouse, Rat

**Source:**

Rabbit

**Gene ID:**

Hspa5

**Isotype:**

IgG

**Uniprot**

P20029

**Applications:**

ELISA, WB, IF

**Synonyms:**

Endoplasmic reticulum chaperone BiP (EC 3.6.4.10) (78 kDa glucose-regulated protein) (GRP-78) (Binding-immunoglobulin protein) (BiP) (Heat shock protein 70 family protein 5) (HSP70 family protein 5) (Heat shock protein family A member 5) (Immunoglobulin heavy chain-binding protein), Hspa5, Grp78

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:2000-1:10000,  
IF:1:50-1:200

**Immunogen:**

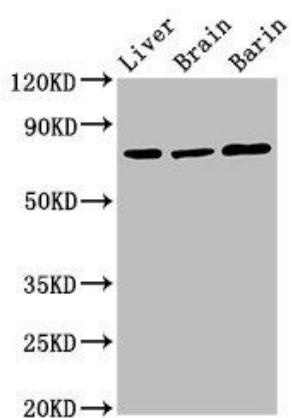
Recombinant Mouse Endoplasmic reticulum chaperone BiP protein (20-655AA).

**Storage:**

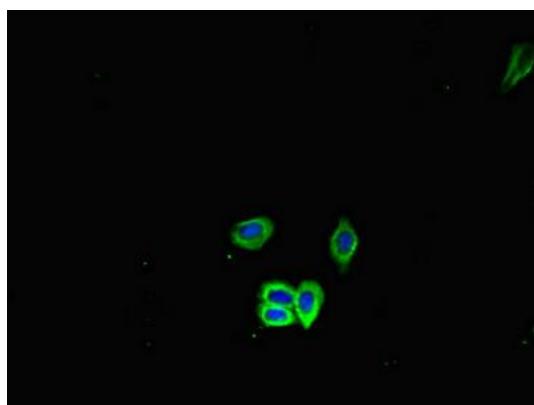
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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Western Blot. Positive WB detected in: Rat liver tissue, Rat brain tissue, Mouse brain tissue. All lanes: Hspa5 antibody at 3 $\mu$ g/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 73 kDa. Observed band size: 73 kDa.



Immunofluorescent analysis of HepG2 cells using PACO45918 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).