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GRP78 BiP Rabbit mAb

货号: AYM30099

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **ICC:** 1:50 - 1:200
理论分子量	72kDa
实测分子量	78kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,U-87MG,Mouse liver,Mouse brain,Rat liver
细胞定位	Cytoplasm,Endoplasmic reticulum lumen,Melanosome
纯化	Affinity purification

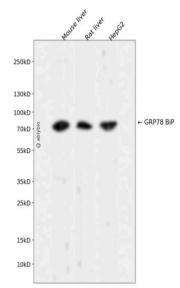
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human GRP78 BiP.

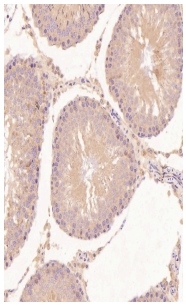
靶点信息

研究背景	The protein encoded by this gene is a member of the heat shock protein 70 (HSP70) family. It is localized in the lumen of the endoplasmic reticulum (ER), and is involved in the folding and assembly of proteins in the ER. As this protein interacts with many ER proteins, it may play a key role in monitoring protein trans port through the cell.
基因ID	3309
基因名	HSPA5
Swiss	P11021 (https://www.uniprot.org/uniprotkb/P11021/entry)
别名	GRP78 BiP,GRP78 BiP Rabbit mAb,HSPA5,78 kDa glucose-regulated protein,Binding-immunoglobulin prote in,Heat shock protein 70 family protein 5,Heat shock protein family A member 5,Immunoglobulin heavy c hain-binding protein,GRP78

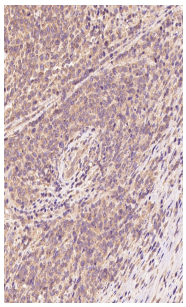
产品验证



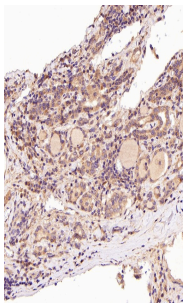
Western blot analysis of GRP78 BiP expressed in Mouse liver,Rat liver,HepG2 using GRP78 BiP Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lan e. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



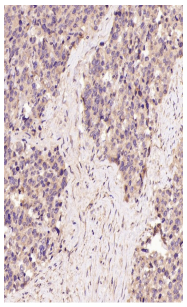
Immunohistochemical analysis of paraffin-embedded Rat testis, using the Antibody at 1:200 dilution.



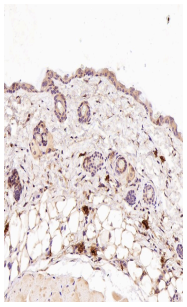
Immunohistochemical analysis of paraffin-embedded Human non-Hodgkin's lymphoma, using the Antibod y at 1:100 dilution.



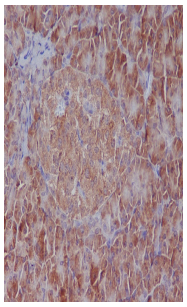
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer, using the Antibody at 1:100 dilution.



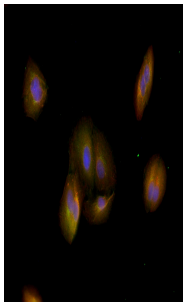
Immunohistochemical analysis of paraffin-embedded Human prostate cancer, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse skin, using the Antibody at 1:200 dilution.



Immunohistochemical analysis of paraffin-embedded human pancreas, using GRP78 BiP Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab GRP78 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

实验步骤

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