

## Product datasheet for **TA366811S**

### GRP78 (HSPA5) Rabbit Polyclonal Antibody

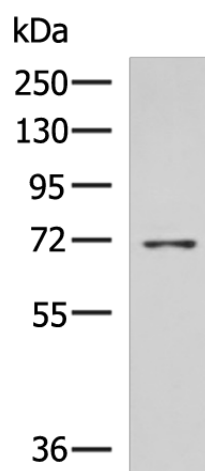
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: A375 cell lysate IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human HSPA5
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	72 kDa
Gene Name:	heat shock protein family A (Hsp70) member 5
Database Link:	<a href="#">Entrez Gene 3309 Human P11021</a>
Background:	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 transport through the cell.
Synonyms:	BiP; FLJ26106; GRP78; MIF2

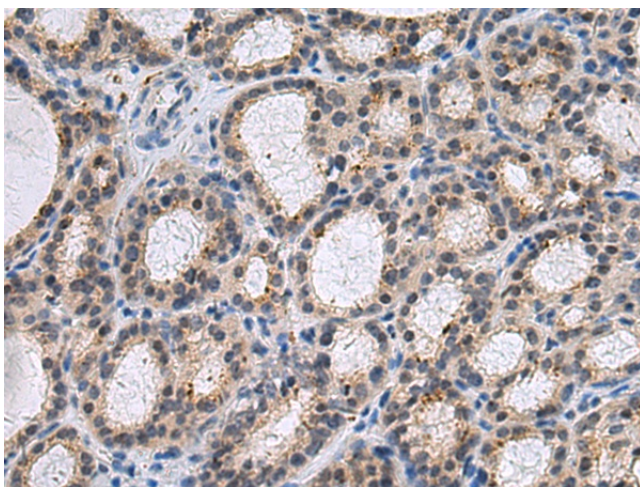


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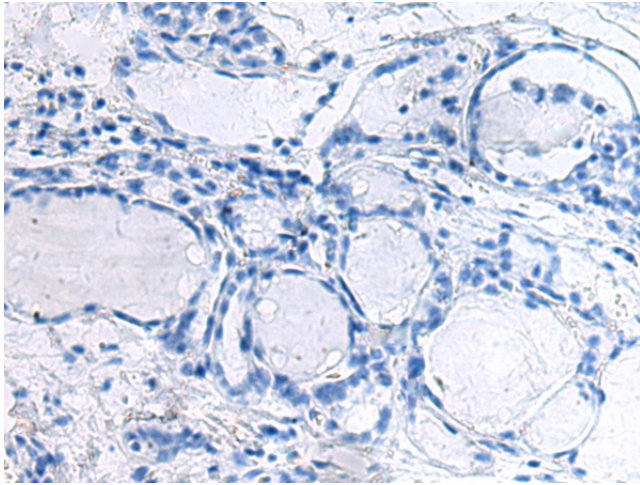
## Product images:



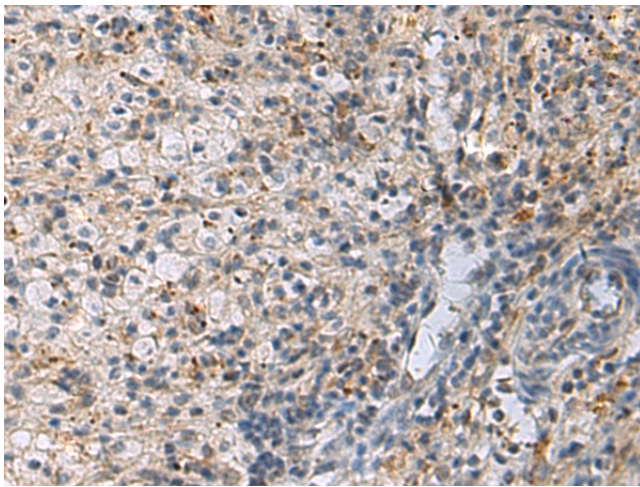
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: A375 cell lysate  
Primary antibody: [TA366811] (HSPA5 Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 10 minutes



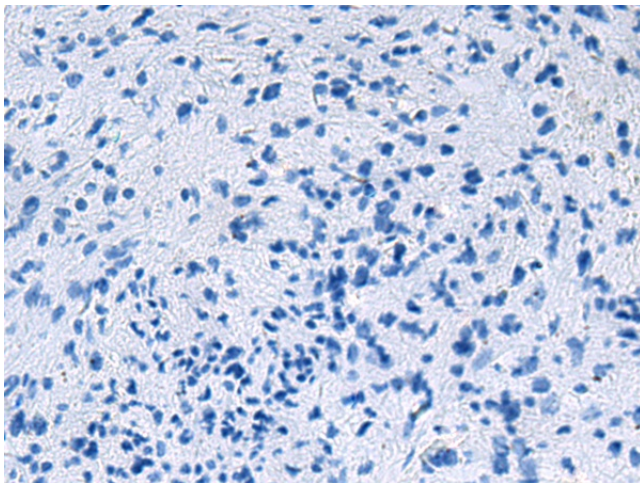
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA366811] (HSPA5 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA366811] (HSPA5 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA366811] (HSPA5 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA366811] (HSPA5 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)