

## Product datasheet for **TA309344**

### GRP78 (HSPA5) Rabbit Polyclonal Antibody

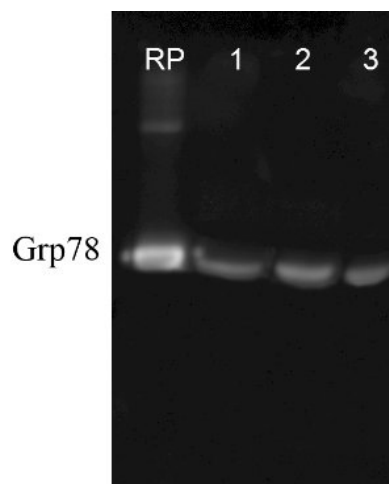
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse, Rat, Monkey, Rabbit, Xenopus, Cow, Fungus, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Rat GRP78 (Bip) sythetic peptide (amino acids 645-654, C-terminus) conjugated to KLH. Identical to mouse and hamster GRP78 sequenes over residues EEDTSEKDEL.
Formulation:	PBS pH7.4, 50% glycerol
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	heat shock protein family A (Hsp70) member 5
Database Link:	<a href="#">NP_005338</a> <a href="#">Entrez Gene 14828 Mouse</a> <a href="#">Entrez Gene 25617 Rat</a> <a href="#">Entrez Gene 703193 Monkey</a> <a href="#">Entrez Gene 3309 Human</a> <a href="#">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; GRP78; HEL-S-89n; MIF2
Protein Families:	Druggable Genome
Protein Pathways:	Antigen processing and presentation, Prion diseases

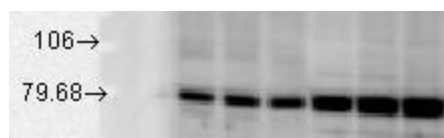


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## Product images:



Western blot analysis of GRP78 in (from L-R): Recombinant protein, human, dog and mouse tissues using a 1:1000 dilution of TA309344.



Western blot analysis of GRP78 in rat tissues, using a 1:1000 dilution of TA309344.