

For Research Use Only

HSPA12A Polyclonal antibody, PBS Only

Catalog Number: 33696-1-PBS



Basic Information

Catalog Number: 33696-1-PBS	GenBank Accession Number: BC156889	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 259217	
Isotype: IgG	UNIPROT ID: O43301	
Immunogen Catalog Number: AG36620	Full Name: heat shock 70kDa protein 12A	
	Calculated MW: 675 aa, 75 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Heat shock protein A12A (HSPA12A) is a distant member of the HSP70 family, which is widely expressed with highest levels in brain, kidney and muscle (PMID: 12552099). HSPA12A encodes a pro-survival pathway against endotoxemic liver injury. Particularly, glycolytic activity in cancer cells is regulated by HSPA12A. HSPA12A modulates glycolysis-derived lactate to affect HMGB1 lactylation and secretion from hepatocytes, by which changes macrophage chemotaxis and activation, and finally affects LI/R injury (PMID: 37441587).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

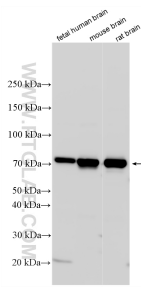
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33696-1-AP (HSPA12A antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33696-1-PBS in a different storage buffer formulation.