

Hsp105 Polyclonal Antibody

CATALOG #:	3390-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide corresponding to N-terminus of mouse Hsp105 (ID# BV-340).
SPECIES REACTIVITY:	Human, Mouse, Rat, Hamster

FORMULATION:

100 µg (0.2 mg/ml) Protein A purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

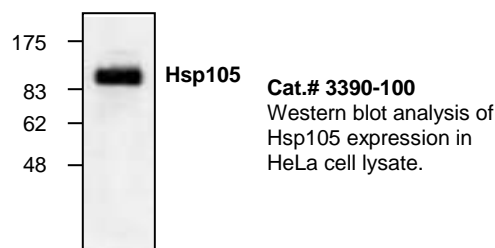
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

Heat shock proteins (HSPs) are ubiquitously expressed in all organisms. The HSPs fall into five general families: HSP105, HSP90, HSP70, the low molecular weight HSPs, and the immunophilins. The HSP105 (also called HSP110) family is composed of HSP105, Apg-1 and Apg-2. The HSP90 family consists of HSP90α, HSP90β and GRP94. The HSP70 family is comprised of HSP70, HSC70, GRP78 and GRP75. The low molecular weight HSPs includes HSP10, HSP25, HSP27 and HSP32. HSP56 and FKBP12 are immunophilins and bind to immunosuppressive drugs.

APPLICATION:

The antibody can be used in Western blotting (0.5-4 µg/ml). Based on researcher's feed back, the antibody also works well in immunoprecipitation (10-20 µg/ml) and immunohistochemistry (10-20 µg/ml). However, the optimal concentrations should be determined individually.



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