

**AP00139PU-N****Polyclonal Antibody to Heat shock protein 105 / HSP105 - Aff - Purified**

<b>Alternate names:</b>	Antigen NY-CO-25, HSP-105, HSP110, HSPH1, Heat shock 110 kDa protein, KIAA0201
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.2 mg/ml
<b>Background:</b>	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 HSP90 $\alpha$ , HSP90 $\beta$ and GRP94. The HSP70 family is comprised of HSP70, HSC70, GRP78 and GRP75. The low molecular weight HSPs include HSP10, HSP25, HSP27 and HSP32. HSP56 and FKBP12 are immunophilins and bind to immunosuppressive drugs.
<b>Uniprot ID:</b>	<a href="#">Q92598</a>
<b>NCBI:</b>	<a href="#">NP_006635.2</a>
<b>GeneID:</b>	<a href="#">10808</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Synthetic peptide corresponding to N-terminus of Mouse Hsp105
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Purification:</b> Protein A Chromatography. <b>Buffer System:</b> PBS containing 30% Glycerol, 0.5% BSA, and 0.01% Thimerosal.
<b>Applications:</b>	Western Blot: 0.5-4 $\mu$ g/ml. Immunoprecipitation: 10-20 $\mu$ g/ml. Immunohistochemistry: 10-20 $\mu$ g/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects HSP105. <b>Species:</b> Human, Mouse, Rat and Hamster. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted (in aliquots) at -20°C to -70°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**Pictures:**

Western blot analysis of Hsp105 expression in HeLa cell lysate.

