

ADI-SPA-801R HSP25, pAbR

Product Number/Sizes

ADI-SPA-801-J 1 mg
ADI-SPA-801-F 200 µg
ADI-SPA-801-D 50 µg

Product Specifications

Alternative Name: HspB1, heat shock protein 25

PURITY DETAIL: Protein A affinity purified.

FORMULATION: Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.

IMMUNOGEN: Recombinant mouse Hsp25.

SOURCE/HOST: From rabbit.

SPECIFICITY: Recognizes human, mouse, rat, bovine, dog, gerbil, guinea pig, hamster, and pig HSP25. Detects a band of ~25kDa by Western blot.

APPLICATION: Electron Microscopy

Immunocytochemistry

Immunofluorescence

Immunohistochemistry

Immunoprecipitation (1:100)

Western Blot (1:1000, colorimetric)

Optimal conditions must be determined individually for each application.

LONG TERM STORAGE: -20°C

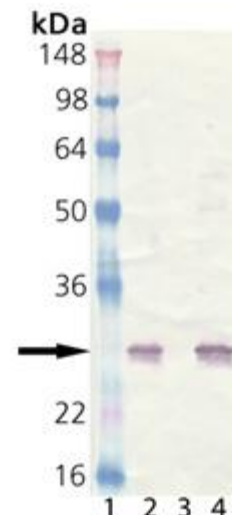
Western Blot analysis of HSP25, pAb.

Lane 1: MW Marker;

Lane 2: PC-12 Cell Lysate (Heat Shock),

Lane 3: 3T3 Cell Lysate (Heat Shock),

Lane 4: HSP25 (mouse), (recombinant) (Prod. No. ADI-SPP-510).



Product Literature References

- A novel mouse model with impaired dynein/dynactin function develops amyotrophic lateral sclerosis (ALS)- like features in motor neurons and improves lifespan in SOD1-ALS mice* D. Jaarsma, et al. *Hum. Mol. Genet.* **17** 2849 (2008)
- Autoantibodies in the Autoimmune Disease Pemphigus Foliaceus Induce Blistering via p38 Mitogen- Activated Protein Kinase-Dependent Signaling in the Skin* D. Rubenstein, et al. *Am. J. Pathol.* **173** 1628 (2008)
- Cell dynamics in the pulpal healing process following cavity preparation in rat molars* H. Ohshima, et al. *Histochem. Cell Biol.* **130** 773 (2008)
- Neuronal expression of constitutive heat shock proteins: implications for neurodegenerative diseases* I. Brown, et al. *Cell Stress Chaperones* **12** 51 (2007)
- Gender differences in the expression of heat shock proteins: the effect of estrogen* A.A. Knowlton, et al. *Am. J. Physiol. Heart Circ. Physiol.* **285** H687 (2003)
- Hsp27 associates with actin and limits injury in energy depleted renal epithelia* N.J. Siegel, et al. *J. Am. Soc. Nephrol.* **13** 98 (2003)
- 17-beta-estradiol induces heat shock proteins in brain arteries and potentiates ischemic heat shock protein induction in glia and neurons* F.R. Sharp, et al. *J. Cereb. Blood Flow Metab.* **22** 183 (2002)
- Stress-mediated signaling in PC12 cells - the role of the small heat shock protein, Hsp27, and Akt in protecting cells from heat stress and nerve growth factor withdrawal* C. Yegappan, et al. *J. Neurochem.* **83** 452 (2002)
- Crosstalk between p38, Hsp25 and Akt in spinal motor neurons after sciatic nerve injury* D.J. Wolgemuth, et al. *Brain Res. Mol. Brain Res.* **93** 199 (2001)
- Role of p38 MAP kinase in endothelial cell alignment induced by fluid shear stress* B.E. Sumpio, et al. *Am. J. Physiol. Heart Circ. Physiol.* **280** H189 (2001)

Revised 22-Feb-12

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

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