

Code No. 28149

**Anti-  
Human Gipie Rabbit IgG Affinity Purify**

Volume : 100µg

---

**Introduction** : A new Girdin family molecule, Gipie is expressed in endothelial cells and it is induced by ER stresses. It interacts with GRP78 that is a 78kDa glucose regulatory protein. It has been reported that Gipie controls IRE1-JNK signal pathway by the interactive function and protects endothelial cells from apoptosis that is induced by ER stresses under circumstances such as atherosclerosis or vascular endothelial failure. (Ref.1).

**Antigen** : Synthetic peptide of Gipie (VQEPEKRPLTPSLSQ)

**Purification** : Affinity purified with antigen peptide

**Form** : Lyophilized product in PBS containing 1 % BSA and 0.05 % NaN<sub>3</sub>

**How to use** : Add 1.0 mL deionized water to the product to make the concentration to become 100 µg/mL.

**Stability** : Lyophilized product, 5 years at 2 ~ 8 °C  
: Solution, 2 years at -20 °C

**Application** : This antibody can be used for;  
Immunohistochemistry (IHC) in concentration of 5 ~10 µg/mL  
Immunocytochemistry (ICC) in concentration of 5 µg/mL  
Western blotting (W.B.) in concentration of 1~5 µg /mL  
Immunoprecipitation (IP) in concentration of 5 ~ 10 µg /mL

**Specificity** : Cross-react with Human Gipie

**References** : 1. Matsushita E, Asai N, Enomoto A, Kawamoto Y, Kato T, Mii S, Maeda K, Shibata R, Hattori S, Hagikura M, Takahashi K, Sokabe M, Murakumo Y, Murohara T, Takahashi M. Protective role of Gipie, a Girdin family protein, in endoplasmic reticulum stress responses in endothelial cells. *Mol Biol Cell*. 2011 Mar 15;22(6):736-47.

---

*For Non-Clinical Research Use Only*