

Rudolf-Wissell-Str. 28 37079 Göttingen, Germany

Phone: +49 551-50556-0
Fax: +49 551-50556-384
E-mail: sales@sysy.com
Web: www.sysy.com

## Synip

Cat.No. 350 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

## **Data Sheet**

Reconstitution/ Storage	50 $\mu g$ specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 $\mu$ l H $_2$ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1: 1000 up to 1: 5000 (AP staining) IP: not tested yet ICC: not tested yet IHC: not tested yet IHC-P/FFPE: not tested yet
Immunogen	Recombinant protein corresponding to AA 265 to 557 from mouse Synip (UniProt Id: Q9WV89)
Reactivity	Reacts with: rat, mouse (Q9WV89). Other species not tested yet.
Specificity	Specific for Synip.

## TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

**Synip**, also referred to as **Stxbp4**, is a syntaxin 4 binding protein that is anchored to the plasma membrane by binding to phosphatidylinositol (3,4,5)-triphosphate. It is involved in the insulin regulated glucose transport mediated by Glut 4.

## **Selected General References**

Synip phosphorylation is required for insulin-stimulated Glut4 translocation and glucose uptake in podocyte. Yamada E, Saito T, Okada S, Takahashi H, Ohshima K, Hashimoto K, Satoh T, Mori M, Okada J, Yamada M Endocrine journal (2014) 61(5): 523-7.

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