

Pantophysin

Cat.No. 354 002; Polyclonal rabbit antibody, 200 µl antiserum (lyophilized)

Data Sheet

Reconstitution/ Storage	200 µl antiserum, lyophilized. For reconstitution add 200 µl H ₂ O, then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: not tested yet ICC: 1 : 500 IHC: not recommended IHC-P/FFPE: 1 : 500
Immunogen	Synthetic peptide corresponding to AA 242 to 261 from mouse Pantophysin (UniProt Id: O09117)
Reactivity	Reacts with: rat (Q66H18), mouse (O09117). Other species not tested yet.
Specificity	Specific for pantophysin
matching control	354-0P

Selected General References

Pantophysin is a phosphoprotein component of adipocyte transport vesicles and associates with GLUT4-containing vesicles. Brooks CC, Scherer PE, Cleveland K, Whittemore JL, Lodish HF, Cheatham B
The Journal of biological chemistry (2000) 275(3): 2029-36.

Pantophysin is a ubiquitously expressed synaptophysin homologue and defines constitutive transport vesicles. Haass NK, Kartenbeck MA, Leube RE
The Journal of cell biology (1996) 134(3): 731-46.

TO BE USED IN VITRO / FOR RESEARCH ONLY

NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Pantophysin is a transmembrane protein related to the neuroendocrinespecific synaptophysin. It is ubiquitously expressed in all tissues and defines constitutive transport vesicles.