

Supervillin Polyclonal antibody

Catalog Number: 27524-1-AP

Basic Information

Catalog Number:

27524-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26196

GenBank Accession Number:

NM_003174

GeneID (NCBI):

6840

UNIPROT ID:

O95425

Full Name:

supervillin

Calculated MW:

248 kDa

Observed MW:

205 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A431 cells, HepG2 cells

Background Information

Supervillin (SVIL) belongs to the villin/gelsolin superfamily of actin-binding proteins involved in many cellular processes. A non-muscle-specific form of Supervillin activates androgen receptor activity. Supervillin another isoform, called Archvillin, is expressed in skeletal and cardiac muscle tissue where it plays a role in both muscle fiber structure and signaling. Mutations in Supervillin are associated with myofibrillar Myopathy10 (MFM10), which causes myopathy with myofibrillar disorganization and autophagic vacuoles (PMID: 9867483, 32779703).

Storage

Storage:

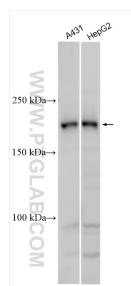
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27524-1-AP (Supervillin antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.