

TSPAN12 Polyclonal antibody

Catalog Number: 12812-1-AP

Basic Information

Catalog Number:

12812-1-AP

Size:

200 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3514

GenBank Accession Number:

BC031265

GeneID (NCBI):

23554

UNIPROT ID:

O95859

Full Name:

tetraspanin 12

Calculated MW:

305 aa, 35 kDa

Observed MW:

28 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, MCF-7 cells

Background Information

TSPAN12 is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Tetraspanins have been involved in diverse processes such as cell activation and proliferation, adhesion and motility, differentiation, and cancer. TSPAN12 regulates retinal vascular development by promoting Norrin/beta-catenin signaling (PMID: 19837033). Mutations in TSPAN12 are a relatively frequent cause of familial exudative vitreoretinopathy (FEVR) (PMID: 20159111).

Storage

Storage:

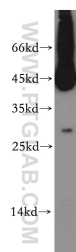
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 12812-1-AP (TSPAN12 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.