

For Research Use Only

TSPAN12 Polyclonal antibody

Catalog Number: 12812-1-AP



Basic Information

Catalog Number: 12812-1-AP	GenBank Accession Number: BC031265	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23554	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: tetraspanin 12	
Isotype: IgG	Calculated MW: 305 aa, 35 kDa	
Immunogen Catalog Number: AG3514	Observed MW: 28 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : HepG2 cells, MCF-7 cells
Species Specificity: human, mouse, rat	

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

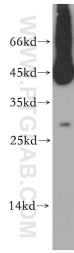
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.