

TSPAN12 Polyclonal Antibody

Catalog number: 12812-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

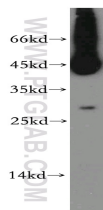
Synonyms:

TSPAN12; NET 2, NET2,

Tetraspan NET 2, tetraspanin

12, TM4SF12, Tspan 12,

TSPAN12



HepG2 cells were subjected to SDS PAGE followed by western blot with 12812-1-AP(TSPAN12 antibody) at dilution of 1:500

Background

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).

Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated TSPAN12 MW:	305aa, 35 kDa
Observed TSPAN12 MW:	28kd
Positive WB detected in	HepG2 cells, MCF7 cells
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3514
GenBank accession number:	BC031265
Gene ID (NCBI):	23554
Full name:	Tetraspanin 12

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.