

## TSPAN5 Polyclonal Antibody

Catalog number: 12122-1-AP

Size: 20 µg/150 µl

Source: Rabbit

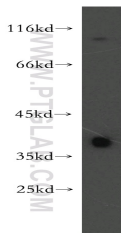
Isotype: IgG

Synonyms:

TSPAN5; NET 4, NET4,

Tetraspan NET 4, tetraspanin 5,

TM4SF9, TSPAN 5, TSPAN5



human brain tissue were subjected to SDS PAGE followed by western blot with 12122-1-AP(TSPAN5 antibody) at dilution of 1:300

### Background

TSPAN5 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. TSPAN5 belongs to the TSPAN8 subfamily, which also include TSPAN10, TSPAN14, TSPAN15, TSPAN17, and TSPAN33. It has been reported that TSPAN8 tetraspanins interact with ADAM10 and have a conserved function in the regulation of ADAM10 trafficking and activity, thereby positively regulating Notch receptor activation (PMID: 23091066; 23035126).

### Applications

Tested applications:	ELISA, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated TSPAN5 MW:	268aa,30 kDa
Observed TSPAN5 MW:	30-40kd,90kd
Positive WB detected in	Human brain tissue
Recommended dilution:	WB: 1:200-1:2000

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

### Immunogen information

Immunogen:	Ag2765
GenBank accession number:	BC009704
Gene ID (NCBI):	10098
Full name:	Tetraspanin 5

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.