

TSPAN33 Polyclonal Antibody

Catalog number: 14329-1-AP

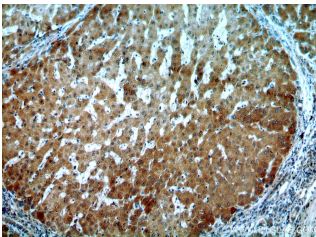
Size: 42 µg/150 µl

Source: Rabbit

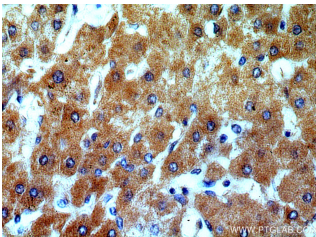
Isotype: IgG

Synonyms:

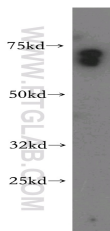
TSPAN33; hPen, PEN,
Penumbra, Proerythroblast
new membrane, tetraspanin 33,
Tspan 33, TSPAN33



Immunohistochemical of paraffin-embedded human hepatocirrhosis using 14329-1-AP (TSPAN33 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human hepatocirrhosis using 14329-1-AP (TSPAN33 antibody) at dilution of 1:50 (under 40x lens)



human brain tissue were subjected to SDS PAGE followed by western blot with 14329-1-AP (TSPAN33 antibody) at dilution of 1:400

Background

TSPAN33 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. TSPAN33 belongs to the TSPAN8 subfamily, which also include TSPAN5, TSPAN10, TSPAN14, TSPAN15, and TSPAN17. 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

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|--------------------------|--|
| Tested applications: | ELISA, WB, IHC |
| Species specificity: | Human, Mouse, Rat; other species not tested. |
| Calculated TSPAN33 MW: | 32 kDa |
| Observed TSPAN33 MW: | 64-72kd |
| Positive WB detected in | Human brain tissue, human blood tissue |
| Positive IHC detected in | Human hepatocirrhosis tissue |
| Recommended dilution: | WB: 1:200-1:1000 IHC: 1:20-1:200 |

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

Immunogen information

| | |
|---------------------------|----------------|
| Immunogen: | Ag5597 |
| GenBank accession number: | BC044244 |
| Gene ID (NCBI): | 340348 |
| Full name: | Tetraspanin 33 |

Product information

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