

Rabbit anti-Human TSPAN12 Polyclonal Antibody | anti-TSPAN12 antibody

TSPAN12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234982	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

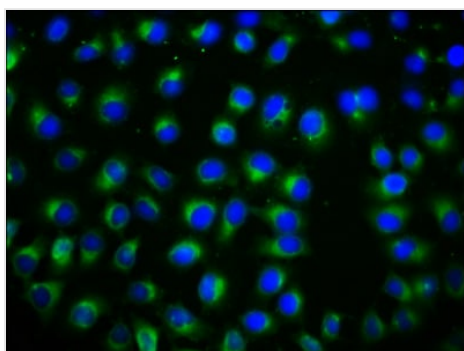
PRODUCT SYNONYMS

TSPAN12; Polyclonal Antibody; TSPAN12 Antibody; Tetraspanin-12; Tspan-12; Tetraspan NET-2; Transmembrane 4 superfamily member 12; NET2; TM4SF12; UNQ774/PRO1568; anti-TSPAN12 antibody

PRODUCT SPECIFICATIONS

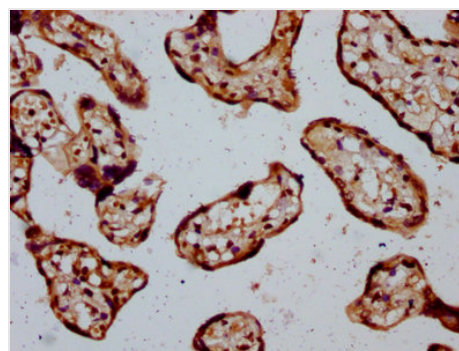
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	305
Applicable Applications for anti-TSPAN12 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Tetraspanin-12 protein (111-224AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234982 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234982 diluted at 1:400 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-TSPAN12 antibody	Regulator of cell surface receptor signal transduction. Plays a central role in retinal vascularization by regulating norrin (NDP) signal transduction. Acts in concert with norrin (NDP) to promote FZD4 multimerization and subsequent activation of FZD4, leading to promote accumulation of beta-catenin (CTNNB1) and stimulate LEF/TCF-mediated transcriptional programs. Suprisingly, it only activate the norrin (NDP)-dependent activation of FZD4, while it does not activate the Wnt-dependent activation of FZD4, suggesting the existence of a Wnt-independent signaling that also promote accumulation the beta-catenin (CTNNB1) (By similarity). Acts as a regulator of membrane proteinases such as ADAM10 and MMP14/MT1-MMP. Activates ADAM10-dependent cleavage activity of amyloid precursor protein (APP). Activates MMP14/MT1-MMP-dependent cleavage activity.
Product Categories/Family for anti-TSPAN12 antibody	Neuroscience; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912528
NCBI GeneID	23554
NCBI Accession #	NP_036470.1
NCBI GenBank Nucleotide #	NM_012338.3
UniProt Accession #	O95859; Q549U9; Q8N5Y0; A4D0V8; B4DRG6
Molecular Weight	22,511 Da
NCBI Official Full Name	tetraspanin-12
NCBI Official Synonym Full Names	tetraspanin 12
NCBI Official Symbol	TSPAN12
NCBI Official Synonym Symbols	EVR5; NET2; NET-2; TM4SF12
NCBI Protein Information	tetraspanin-12
UniProt Protein Name	Tetraspanin-12
UniProt Gene Name	TSPAN12
UniProt Synonym Gene Names	NET2; TM4SF12; Tspan-12

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tspan12-antibody-immunofluorescence-immunohistochemistry-elisa/234982>