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Datasheet for ABIN7171849

**anti-TSPAN12 antibody (AA 111-224) (HRP)**

## Overview

Quantity:	100 µg
Target:	TSPAN12
Binding Specificity:	AA 111-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPAN12 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Tetraspanin-12 protein (111-224AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	TSPAN12
Alternative Name:	TSPAN12 ( <a href="#">TSPAN12 Products</a> )
Background:	Background: 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)

## Target Details

to promote FZD4 multimerization and subsequent activation of FZD4, leading to promote accumulation of beta-catenin (CTNNB1) and stimulate LEF/TCF-mediated transcriptional programs. Surprisingly, 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.

Aliases: TSPAN12 antibody, NET2 antibody, TM4SF12 antibody, UNQ774/PRO1568Tetraspanin-12 antibody, Tspan-12 antibody, Tetraspan NET-2 antibody, Transmembrane 4 superfamily member 12 antibody

UniProt: [O95859](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.