

anti- TSPAN12 antibody

Product Information

Catalog No.:	FNab09055
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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) 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.

Immunogen information

Immunogen:	tetraspanin 12
Synonyms:	NET 2, NET2, Tetraspan NET 2, tetraspanin 12, TM4SF12, Tspan 12, TSPAN12
Observed MW:	28 kDa
UniprotID :	O95859

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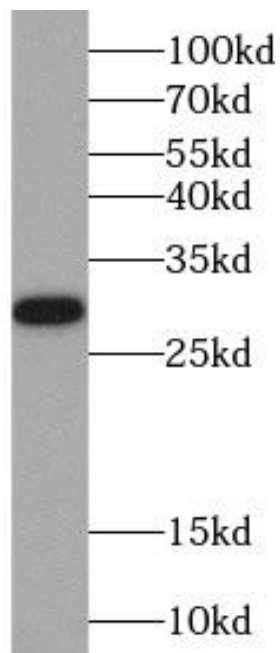
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:200-1:2000

Image:



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab09055(TSPAN12 antibody) at dilution of 1:500

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