TSPAN12 Antibody HRP Conjugated

Catalog No: #C00757H

Description



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

| Description | |
|-----------------------|----------------------------------------------------------------------------------------------------|
| Product Name | TSPAN12 Antibody HRP Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | lgG |
| Purification | Purified by Protein A. |
| Applications | WB,,IHC-P,IHC-F,ICC |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | KLH conjugated synthetic peptide aa 34-50 305 derived from human TSPAN12 |
| Conjugates | HRP |
| Target Name | TSPAN12 |
| Other Names | EVR5; NET2; NET-2; TM4SF12; Tetraspanin-12; Tspan-12; Tetraspan NET-2; Transmembrane 4 superfamily |
| | member 12; TSPAN12; UNQ774 PRO1568 |
| Accession No. | Swiss-Prot#O95859NCBI Gene ID23554 |
| Uniprot | O95859 |
| GeneID | 23554; |
| Excitation Emission | ΝΑ |
| Cell Localization | Extracellular |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| | |

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

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. 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.

Note: This product is for in vitro research use only