

JPT1 Conjugated Antibody

Catalog No: #C47344

Package Size: #C47344-AF350 100ul #C47344-AF405 100ul #C47344-AF488 100ul #C47344-AF555 100ul #C47344-AF594 100ul #C47344-AF647 100ul #C47344-AF680 100ul #C47344-AF750 100ul #C47344-Biotin 100ul #C47344-Conjugated 50ul

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Description

Product Name	JPT1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IF
Species Reactivity	Hu, Ms, Rt
Specificity	The antibody detects endogenous levels of total JPT1 protein.
Immunogen Description	Fusion protein of human JPT1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HN1; ARM2; HN1A
Accession No.	Swiss-Prot#:Q9UK76NCBI Gene ID:51155NCBI Protein#:BC001420
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

IF:1:50-1:200

Background

Modulates negatively AKT-mediated GSK3B signaling (PubMed:21323578, PubMed:22155408). Induces CTNNB1 'Ser-33' phosphorylation and degradation through the suppression of the inhibitory 'Ser-9' phosphorylation of GSK3B, which represses the function of the APC:CTNNB1:GSK3B complex and the interaction with CDH1/E-cadherin in adherent junctions (PubMed:25169422). Plays a role in the regulation of cell cycle and cell adhesion (PubMed:25169422, PubMed:25450365). Has an inhibitory role on AR-signaling pathway through the induction of receptor proteosomal degradation (PubMed:22155408).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.