Datasheet for ABIN7449698

anti-CELSR1 antibody (AA 2964-3014)

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Overview

Quantity:	100 µg
Target:	CELSR1
Binding Specificity:	AA 2964-3014
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CELSR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-CELSR1 Antibody, Affinity Purified
Immunogen:	Between AA 2964 and 3014
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	CELSR1
Alternative Name:	CELSR1 (CELSR1 Products)
Background:	Background: Cadherin EGF LAG seven-pass G-type receptor 1 (CELSR1) is a member of the flamingo subfamily, part of the cadherin superfamily. The flamingo subfamily consists of

Target Details

	nonclassic-type cadherins, a subpopulation that does not interact with catenins. The flamingo cadherins are located at the plasma membrane and have nine cadherin domains, seven epidermal growth factor-like repeats and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic unique to this subfamily. It is postulated that these proteins are receptors involved in contact-mediated communication, with cadherin domains acting as homophilic binding regions and the EGF-like domains involved in cell adhesion and receptor-ligand interactions.CELSR1 is a developmentally regulated, neural-specific gene which plays an unspecified role in early embryogenesis [taken from NCBI Entrez Gene (Gene ID: 9620)].
Gene ID:	9620
NCBI Accession:	NP_055061
UniProt:	Q9NYQ6
Pathways:	Tube Formation, Asymmetric Protein Localization

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:1,000 - 1:5,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months