

Rabbit anti-Human CELSR1 Polyclonal Antibody | anti-CELSR1 antibody

Rabbit anti-CELSR1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212686	Rabbit	Human	Immunoprecipitation, Western Blot

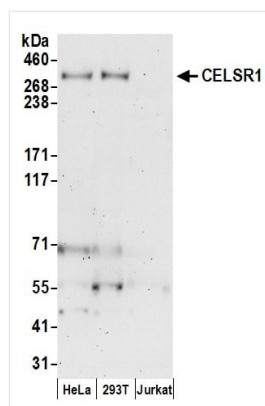
PRODUCT SYNONYMS

CELSR1; Polyclonal Antibody; Rabbit anti-CELSR1 Antibody; Affinity Purified; flamingo homolog 2; protocadherin flamingo 2; ME2; FMI2; CDHF9; cadherin; EGF LAG seven-pass G-type receptor 1 (flamingo homolog; Drosophila); cadherin family member 9; cadherin EGF LAG seven-pass G-type receptor 1; adhesion G protein-coupled receptor C1; ADGRC1; HFMI2; Cadherin EGF LAG seven-pass G-type receptor 1; anti-CELSR1 antibody

PRODUCT SPECIFICATIONS

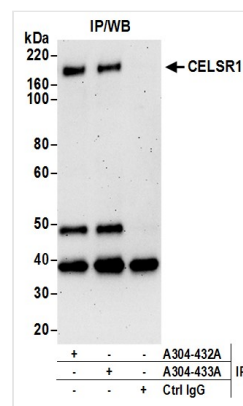
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CELSR1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 2775 and 2825
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CELSR1 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-CELSR1 antibody AAA212686 (lot AAA212686-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CELSR1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from HeLa cells. Antibodies: Affinity purified rabbit anti-CELSR1 antibody AAA212686 (lot AAA212686-1) used for IP at 6 ug per reaction. CELSR1 was also immunoprecipitated by rabbit anti-CELSR1 antibody For blotting immunoprecipitated CELSR1, AAA212686 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-CELSR1 antibody	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 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)].
Product Categories/Family for anti-CELSR1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656967
NCBI GeneID	9620
NCBI Accession #	NP_055061.1
NCBI GenBank Nucleotide #	NM_014246.1
UniProt Accession #	Q9NYQ6; O95722; Q5TH47; Q9BWQ5; Q9Y506; Q9Y526
Molecular Weight	152,365 Da
NCBI Official Full Name	cadherin EGF LAG seven-pass G-type receptor 1
NCBI Official Synonym Full Names	cadherin, EGF LAG seven-pass G-type receptor 1
NCBI Official Symbol	CELSR1
NCBI Official Synonym Symbols	ME2; FMI2; CDHF9; HFMI2
NCBI Protein Information	cadherin EGF LAG seven-pass G-type receptor 1; flamingo homolog 2; cadherin family member 9; protocadherin flamingo 2; cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo homolog, Drosophila)
UniProt Protein Name	Cadherin EGF LAG seven-pass G-type receptor 1
UniProt Gene Name	CELSR1
UniProt Synonym Gene Names	CDHF9; FMI2; hFmi2
UniProt Entry Name	CELR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.