Rabbit anti-Human CELSR2 Polyclonal Antibody | anti-CELSR2 antibody

Anti-CELSR2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256749	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry**

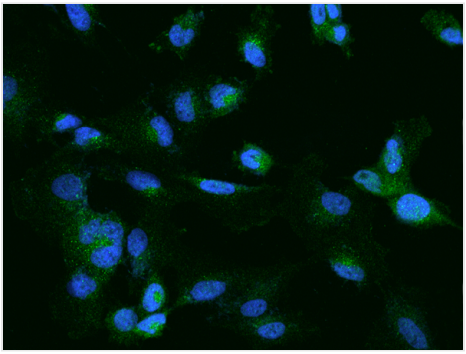
PRODUCT SYNONYMS

CELSR2; Polyclonal Antibody; Anti-CELSR2 Antibody; Rabbit Polyclonal; CELSR2 Antibody; Rabbit PAb; Antigen Affinity Purified; anti-CELSR2 antibody

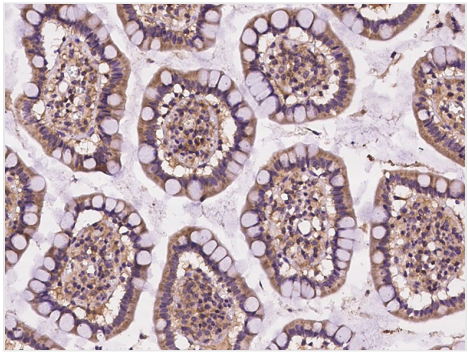
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CELSR2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CELSR2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human CELSR2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CELSR2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

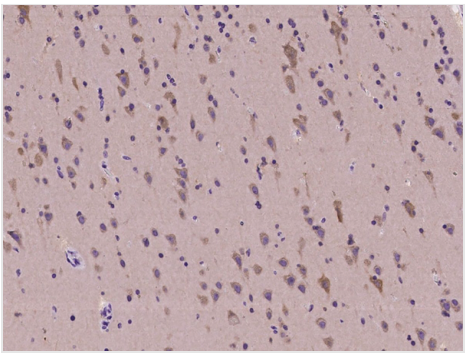
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of CELSR2 in U251MG cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human CELSR2 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm.



IHC (Immunohiostchemistry)
Immunochemical staining of human CELSR2 in human small intestine with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human CELSR2 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CELSR2 antibody	Cadherin EGF LAG seven-pass G-type receptor 2 (CELSR2) 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. This group of proteins is involved in contact-mediated communication between cells and consists of a large extracellular domain, a seven-pass transmembrane domain and a cytoplasmic tail. In mice, Celsr2 is expressed in all brain areas and it regulates dendritic maintenance and growth. Mice with homozygous null mutations in Celsr2 develop hydrocephalus due to decreased numbers of ependymal cilia that are also short and abnormally oriented.
References	Xu M, et al. (2020) Identification of celsr2 as a novel prognostic biomarker for hepatocellular carcinoma. BMC Cancer 20 (1): 313.Einarsdottir E, et al. (2017) Celsr2 is a candidate susceptibility gene in idiopathic scoliosis. PLoS One 12 (12): e0189591.

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.

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