10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CELSR3 Antibody

Catalog # AP54031

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9NYQ7
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	358185

Additional Information

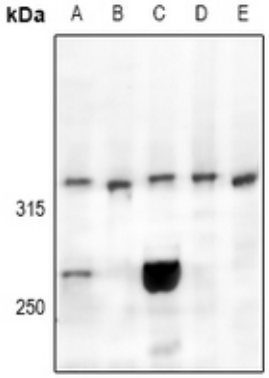
Gene ID	1951
Other Names	CDHF11; EGFL1; FMI1; KIAA0812; MEGF2; Cadherin EGF LAG seven-pass G-type receptor 3; Cadherin family member 11; Epidermal growth factor-like protein 1; EGF-like protein 1; Flamingo homolog 1; hFmi1; Multiple epidermal growth factor-like domains protein 2; Multiple EGF-like domains protein 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CELSR3. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

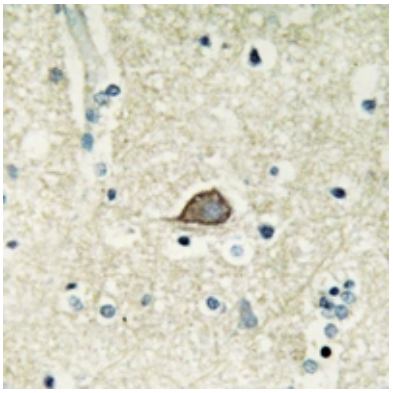
Name	CELSR3
Synonyms	CDHF11, EGFL1, FMI1, KIAA0812, MEGF2
Function	Receptor that may have an important role in cell/cell signaling during nervous system formation.
Cellular Location	Cell membrane; Multi-pass membrane protein.

Images

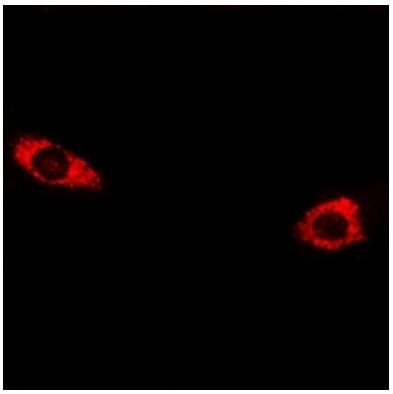
Western blot analysis of CELSR3 expression in K562 (A),



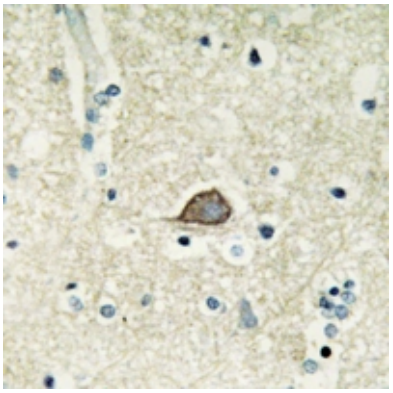
MCF7 (B), C6 (C), 3T3L1 (D), U87MG (E) whole cell lysates. (Predicted band size: 358 kD; Observed band size: 400; 260 kD)



Immunohistochemical analysis of CELSR3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of CELSR3 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of CELSR3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.