

MEGF11 Rabbit pAb

MEGF11 Rabbit pAb

Catalog # AP57245

Product Information

Application	WB
Primary Accession	A6BM72
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Zebrafish, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110844
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MEGF11
Epitope Specificity	801-900/1044
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Single-pass type I membrane protein. Basolateral cell membrane; Single-pass type I membrane protein. Note: Forms an irregular, mosaic-like adhesion pattern in region of the cell that becomes firmly fixed to the substrate. Localized to protruding lamellipodia. Does not localize with MEGF10.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MEGF11 is a 1,044 amino acid single-pass type I membrane protein that belongs to the MEGF family. MEGF11 exists as a homopolymer that primarily localizes to protruding lamellipodia in an irregular, mosaic-like adhesion pattern. Expressed at high levels in adult and fetal brain and adult spinal cord, MEGF11 is found at lower levels in kidney, ovary and heart. MEGF11 contains fourteen EGF-like domains, one EMI domain, and undergoes alternative splicing events to produce four isoforms. The gene encoding MEGF11 maps to human chromosome 15, which houses over 700 genes and comprises nearly 3% of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-localized genes.

Additional Information

Gene ID	84465
Other Names	Multiple epidermal growth factor-like domains protein 11, Multiple EGF-like domains protein 11, MEGF11, KIAA1781
Dilution	WB=1:500-2000

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name MEGF11

Synonyms KIAA1781

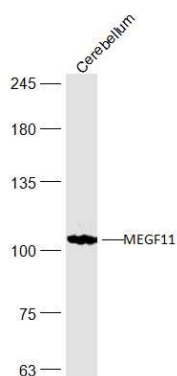
Function May regulate the mosaic spacing of specific neuron subtypes in the retina through homotypic retinal neuron repulsion. Mosaics provide a mechanism to distribute each cell type evenly across the retina, ensuring that all parts of the visual field have access to a full set of processing elements (By similarity).

Cellular Location Cell membrane; Single-pass type I membrane protein Basolateral cell membrane; Single-pass type I membrane protein. Note=Forms an irregular, mosaic-like adhesion pattern in region of the cell that becomes firmly fixed to the substrate. Localized to protruding lamellipodia. Does not localize with MEGF10

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images

**Sample:**

Cerebellum (Mouse) Lysate at 40 ug

Primary: Anti-MEGF11 (AP57245) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 110 kD

Observed band size: 110 kD

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