

ApoER2/LRP8 Rabbit pAb

Catalog No.: A10517 **1 Publications**

Basic Information

Observed MW

105-120kDa

Calculated MW

106kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Rat

Background

This gene encodes a member of the low density lipoprotein receptor (LDLR) family. Low density lipoprotein receptors are cell surface proteins that play roles in both signal transduction and receptor-mediated endocytosis of specific ligands for lysosomal degradation. The encoded protein plays a critical role in the migration of neurons during development by mediating Reelin signaling, and also functions as a receptor for the cholesterol transport protein apolipoprotein E. Expression of this gene may be a marker for major depressive disorder. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

7804

Swiss Prot

Q14114

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 900 to the C-terminus of human ApoER2/ApoER2/LRP8 (NP_004622.2).

Synonyms

MCI1; LRP-8; APOER2; HSZ75190; ApoER2/LRP8

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

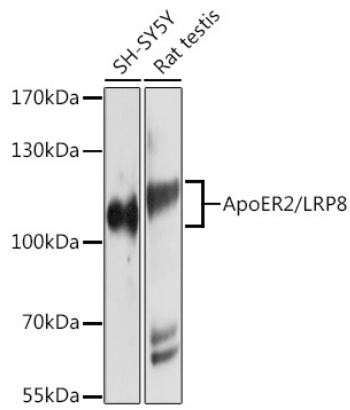
Affinity purification

Storage

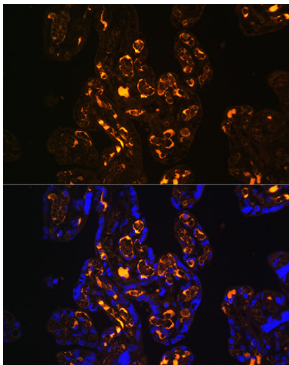
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using ApoER2/ApoER2/LRP8 antibody (A10517) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunofluorescence analysis of Human placenta using ApoER2/ApoER2/LRP8 antibody (A10517) at dilution of 1:100. Blue: DAPI for nuclear staining.