

A10517

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## ApoER2/LRP8 Rabbit pAb

Catalog No.: A10517

1 Publications

### Basic Information

#### Observed MW

105-120kDa

#### Calculated MW

106kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IHC-P, IF/ICC, ELISA

#### 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



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

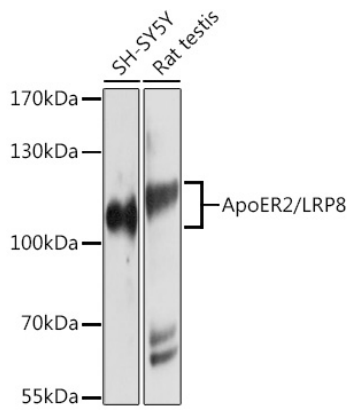
Affinity purification

#### Storage

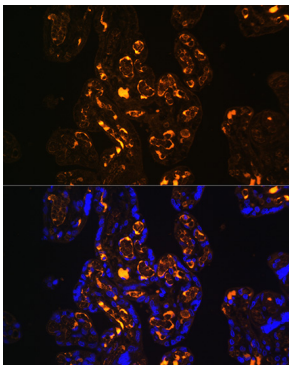
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## 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.