

# ApoER2/LRP8 Rabbit pAb

Catalog No.: A10517 2 Publications

## Basic Information

### Observed MW

105-120kDa

### Calculated MW

106kDa

### Category

Polyclonal Antibody

### Applications

WB, IHC-P, ELISA, IF-P

### 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                                                                                                              |
| IF-P  | 1:50 - 1:200                                                                                                                |
| IHC-P | 1:50 - 1:200                                                                                                                |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

## Contact



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

## Immunogen Information

### Gene ID

7804

### Swiss Prot

Q14114

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

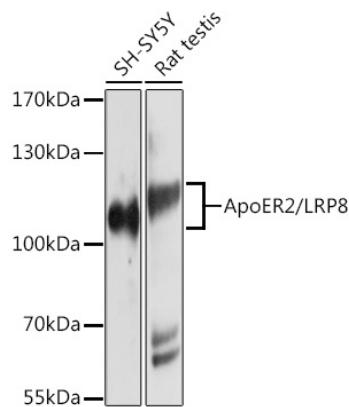
Affinity purification

### Storage

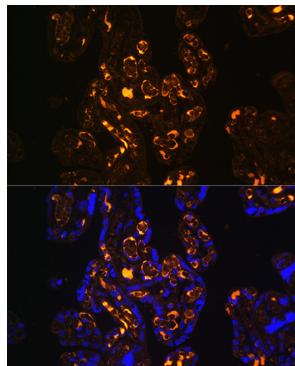
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of various lysates using ApoER2/LRP8 Rabbit pAb (A10517) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g 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/LRP8 Rabbit pAb (A10517) at dilution of 1:100. Blue: DAPI for nuclear staining.