

A9747

Leader in Biomolecular Solutions for Life Science



## ApoER2/LRP8 Rabbit mAb

Catalog No.: A9747 **Recombinant**

### Basic Information

#### Observed MW

100-106kDa

#### Calculated MW

106kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

#### CloneNo number

ARC1730

### 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 - 1:1000

### Immunogen Information

#### Gene ID

7804

#### Swiss Prot

Q14114

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 864-963 of human ApoER2/LRP8 (Q14114).

#### Synonyms

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

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

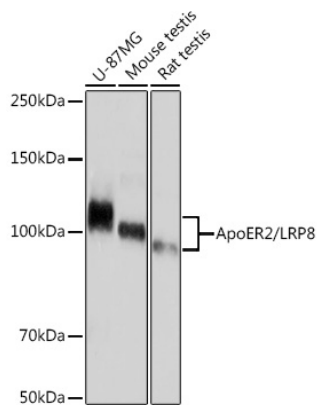
Affinity purification

#### Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using ApoER2/LRP8 Rabbit mAb (A9747) 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.