

A12758

Leader in Biomolecular Solutions for Life Science



## NRP2 Rabbit pAb

Catalog No.: A12758

### Basic Information

#### Observed MW

95kDa

#### Calculated MW

105kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Mouse, Rat

### Background

This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. This protein has also been determined to act as a co-receptor for SARS-CoV-2 (which causes COVID-19) to infect host cells.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

8828

#### Swiss Prot

O60462

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 443-740 of human NRP2 (NP\_003863.2).

#### Synonyms

NP2; NPN2; PRO2714; VEGF165R2; NRP2

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

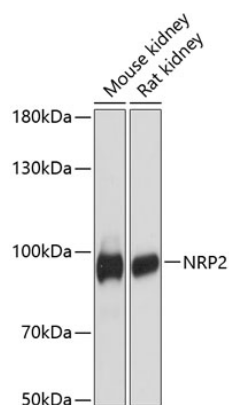
#### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of various lysates using NRP2 Rabbit pAb (A12758) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) 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.