

# MPZ,P0 antibody

Catalog Number: 112759

## Product name

MPZ,P0 antibody

## Specificity

Human,Mouse,Rat; other species not tested.

## Antibody description

MPZ,P0 Rabbit Polyclonal antibody. Positive IF detected in myelinating SCs cells. Positive WB detected in Schwann cells. Observed molecular weight by Western-blot: 30 kDa

## Preparation

This antibody was obtained by immunization of MPZ,P0 recombinant protein (Accession Number: BC006491). Purification method: Antigen affinity purified.

## Formulation

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, WB, IF

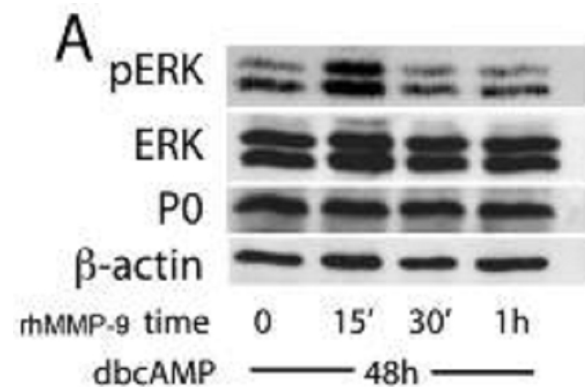
## Dilutions

Recommended Dilution:

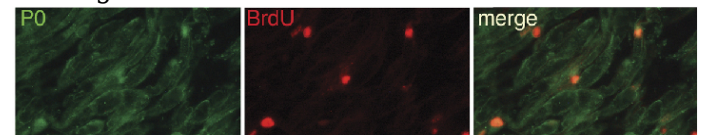
WB: 1:200-1:2000

IF: 1:20-1:200

## Validations



WB result from Chattopadhyay S (PMID:19229995); Schwann cell differentiation was induced with dbcAMP (500  $\mu$ M) for 48 h, followed by treatment with rhMMP-9 (100 nM) for 15 min. A, rhMMP-9 stimulates transient ERK1/2 activation over a 1 h period. Successful Schwann cell differentiation was confirmed by myelin protein zero (P0) expression,  $\beta$ -actin was used as loading control.



IF result from Huaqing Liu (PMID:20448483); Dual immunofluorescence for BrdU (red) with phenotypic cell markers (green) in distal segments of MMPi-treated promotes Schwann cell (SC) mitosis in regenerating nerves. myelinating SCs (mSCs) (P0)