

Datasheet for ABIN1386454

anti-Chromosome 11open Reading Frame 9 (C11orf9) (AA 401-500) antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Chromosome 11open Reading Frame 9 (C11orf9)
Binding Specificity:	AA 401-500
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MYRF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Chromosome 11open Reading Frame 9 (C11orf9)
---------	---

Target Details

Alternative Name:	MYRF/C11orf9 (C11orf9 Products)
Background:	<p>Synonyms: MRF, Ndt80, pqn-47, C11orf9, Myelin regulatory factor, Myelin gene regulatory factor, MYRF, KIAA0954</p> <p>Background: Myelin regulatory factor: Consitutes a precursor of the transcription factor. Mediates the autocatalytic cleavage that releases the Myelin regulatory factor, N-terminal component that specifically activates transcription of central nervous system (CNS) myelin genes (PubMed:23966832). Myelin regulatory factor, C-terminal: Membrane-bound part that has no transcription factor activity and remains attached to the endoplasmic reticulum membrane following cleavage. Myelin regulatory factor, N-terminal: Transcription factor that specifically activates expression of myelin genes such as MBP, MOG, MAG and PLP1 during oligodendrocyte (OL) maturation, thereby playing a central role in oligodendrocyte maturation and CNS myelination. Specifically recognizes and binds DNA sequence 5'-CTGGYAC-3' in the regulatory regions of myelin-specific genes and directly activates their expression. Not only required during oligodendrocyte differentiation but is also required on an ongoing basis for the maintenance of expression of myelin genes and for the maintenance of a mature, viable oligodendrocyte phenotype (PubMed:23966832).</p>
Gene ID:	745
UniProt:	Q9Y2G1

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

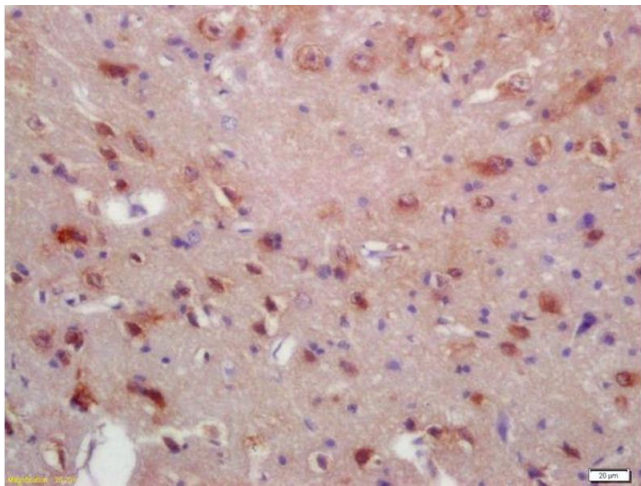
Handling

Format:	Liquid
Concentration:	1 µg/µL

Handling

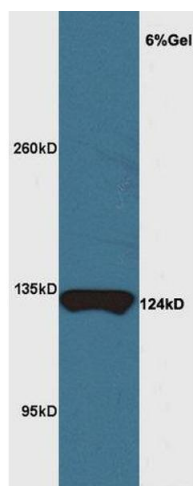
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-MRF/C11orf9 Polyclonal Antibody, Unconjugated (ABIN1386454) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Mouse brain lysate probed with Rabbit Anti-MRF/C11orf9 Polyclonal Antibody, Unconjugated at 1:3000 for 90 min at 37°C. Predicted band 124kD. Observed band size: 124kD