



# Rabbit Anti-Human C9orf72 monoclonal antibody, clone 24I30M28 (CABT-L1214)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with Monkey, Pig, Sheep, Bovine
<b>Target</b>	C9orf72
<b>Immunogen</b>	Protein corresponding to human C9ORF72 (aa1-aa200)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	24I30M28
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction**

The protein encoded by this gene plays an important role in the regulation of endosomal trafficking, and has been shown to interact with Rab proteins that are involved in autophagy and endocytic transport. Expansion of a GGGGCC repeat from 2-22 copies to 700-1600 copies in the intronic sequence between alternate 5' exons in transcripts from this gene is associated with 9p-linked ALS (amyotrophic lateral sclerosis) and FTD (frontotemporal dementia)

**Keywords**

C9ORF72;chromosome 9 open reading frame 72;ALSFTD;FTDALS;protein C9orf72

## GENE INFORMATION

**Entrez Gene ID**

[203228](#)

**UniProt ID**

[Q96LT7](#)