

## Datasheet for ABIN6992181 **anti-C18ORF42 antibody**

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### Overview

Quantity:	0.1 mg
Target:	C18ORF42
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C18ORF42 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Western Blotting (WB)

### Product Details

Immunogen:	C18orf42 antibody was raised against a 16 amino acid peptide from near the center of human C18orf42. The immunogen is located within the last 50 amino acids of C18orf42.
Isotype:	IgG
Specificity:	C18orf42 antibody is human specific.
Purification:	C18orf42 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	C18ORF42
Alternative Name:	C18orf42 ( <a href="#">C18ORF42 Products</a> )
Background:	Little is known of the function of the protein encoded by Chromosome 18 open reading frame 18 (C18orf42), but it is preferentially expressed in neuronal tissue (1). It is thought to bind to the cAMP-dependent protein kinase A (PKA) and regulation its interaction with members of the A-

## Target Details

	kinase anchoring protein (AKAP) family (1).
Molecular Weight:	Predicted: 8 kDa
	Observed: 12 kDa
Gene ID:	642597
NCBI Accession:	<a href="#">NP_001138666</a>
UniProt:	<a href="#">P0CW23</a>

## Application Details

Application Notes:	C18orf42 antibody can be used for the detection of C18orf42 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunocytochemistry starting at 2 µg/mL. For immunofluorescence start at 2 µg/mL.  Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	C18orf42 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	C18orf42 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.