

## Datasheet for ABIN1436977 **anti-C18orf1 antibody (PE)**



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### Overview

|              |                                           |
|--------------|-------------------------------------------|
| Quantity:    | 100 µL                                    |
| Target:      | C18orf1                                   |
| Reactivity:  | Human, Mouse, Rat, Cow                    |
| Host:        | Rabbit                                    |
| Clonality:   | Polyclonal                                |
| Conjugate:   | This C18orf1 antibody is conjugated to PE |
| Application: | Western Blotting (WB)                     |

### Product Details

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human C18orf1 |
| Isotype:          | IgG                                                         |
| Cross-Reactivity: | Human, Mouse, Rat                                           |
| Purification:     | Purified by Protein A.                                      |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | C18orf1                                                                                                                                                                                                                                                                                                |
| Alternative Name: | C18orf1 ( <a href="#">C18orf1 Products</a> )                                                                                                                                                                                                                                                           |
| Background:       | <p>Synonyms: C18orf1, Low-density lipoprotein receptor class A domain-containing protein 4, LDLRAD4</p> <p>Background: Functions as a negative regulator of TGF-beta signaling and thereby probably plays a role in cell proliferation, differentiation, apoptosis, motility, extracellular matrix</p> |

## Target Details

production and immunosuppression. In the canonical TGF-beta pathway, ZFYVE9/SARA recruits the intracellular signal transducer and transcriptional modulators SMAD2 and SMAD3 to the TGF-beta receptor. Phosphorylated by the receptor, SMAD2 and SMAD3 then form a heteromeric complex with SMAD4 that translocates to the nucleus to regulate transcription. Through interaction with SMAD2 and SMAD3, LDLRAD4 may compete with ZFYVE9 and SMAD4 and prevent propagation of the intracellular signal.

Molecular Weight: 34kDa

Gene ID: 753

UniProt: [O15165](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months