

# PRODUCT DATA SHEET

Bioworld Biotech Co., Ltd

# **RAB11FIP4** polyclonal antibody

Catalog: BS62451 Host: Rabbit Reactivity: Human, Rat, Mouse

#### **BackGround:**

The Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) and CRISPR-associated protein (Cas9) system is an adaptive immune response defense mechanism used by archea and bacteria for the degradation of foreign genetic material. This mechanism can be repurposed for other functions, including genomic engineering for mammalian systems, such as gene knockout (KO) and gene activation. CRISPR Activation Plasmid products enable the identification and upregulation of specific genes by utilizing a D10A and N863A deactivated Cas9 (dCas9) nuclease fused to a VP64 activation domain, in conjunction with sgRNA (MS2), a target-specific sgRNA engineered to bind the MS2-P65-HSF1 fusion protein. This synergistic activation mediator (SAM) transcription activation system provides a robust system to maximize the activation of endogenous gene expression.

# **Product:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

#### **Molecular Weight:**

~ 72 kDa

## **Swiss-Prot:**

Q86YS3

## **Purification&Purity:**

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

#### **Applications:**

WB:1:500~1:1000 IHC:1:50~1:200

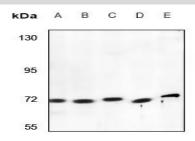
## **Storage&Stability:**

Store at  $4 \, \mathbb{C}$  short term. Aliquot and store at  $-25 \, \mathbb{C}$  long term. Avoid freeze-thaw cycles.

# **Specificity:**

RAB11FIP4 polyclonal antibody detects endogenous levels of RAB11FIP4 protein.

#### DATA:



Western blot (WB) analysis of RAB11FIP4 polyclonal antibody at 1:500 dilution

LaneA:The testis tissue lysate of Rat

LaneB:The testis tissue lysate of Mouse

LaneC:PC3 whole cell lysate

LaneD:LOVO whole cell lysate

LaneE:A549 whole cell lysate

## Note:

For research use only, not for use in diagnostic procedure.

# Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park,

MN 55416,USA.

Email: <u>info@bioworlde.com</u>

Tel: 6123263284 Fax: 6122933841 Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046,

P. R. China.

Email: <u>info@biogot.com</u>
Tel: 0086-025-68037686
Fax: 0086-025-68035151