

# PRODUCT DATA SHEET

Bioworld Technology,Inc.

# Mrpl46 polyclonal antibody

Catalog: BS77618 Host: Rabbit Reactivity: Human, Mouse, Rat

### **BackGround:**

Predicted to be a structural constituent of ribosome. Located in mitochondrion. Is expressed in several structures, including early conceptus; gonad; heart; liver; and metanephros. Orthologous to human MRPL46 (mitochondrial ribosomal protein L46).

#### **Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### **Molecular Weight:**

32kDa

# **Swiss-Prot:**

Q9EQI8

# **Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

# **Applications:**

WB,1:500 - 1:2000|IHC,1:50 - 1:200

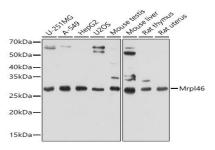
# Storage&Stability:

Store at  $4 \, \mathbb{C}$  short term. Aliquot and store at  $-20 \, \mathbb{C}$  long term. Avoid freeze-thaw cycles.

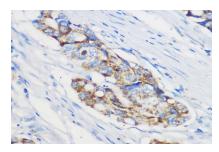
#### **Modification:**

Unmodification

# **DATA:**



Western blot analysis of extracts of various cell lines, using Mrpl46 antibody at 1:1000 dilution.<br/>Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.<br/>br/>Lysates/proteins: 25ug per lane.<br/>br/>Blocking buffer: 3% nonfat dry milk in TBST.<br/>Detection: ECL Basic Kit .<br/>br/>Exposure time: 30s.



Immunohistochemistry of paraffin-embedded Human colon carcinoma using Mrpl46 Rabbit pAb at dilution of 1:100 .Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

#### Note:

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

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