# NKMAXBIO We support you, we believe in your research

# **Human IMP3 antibody**

Catalog Number: ATGA0437

# **PRODUCT INFORMATION**

### Catalog number

ATGA0437

#### Clone No.

AT32E9

# **Product type**

Monoclonal Antibody

#### UnitProt No.

**Q9NV31** 

#### **NCBI Accession No.**

NP 060755

#### **Alternative Names**

u3 small nucleolar ribonucleoprotein protein IMP3, BRMS2, C15orf12, MRPS4

### **PRODUCT SPECIFICATION**

### **Antibody Host**

Mouse

#### **Reacts With**

Human

#### Concentration

1mg/ml (determined by BCA assay)

#### **Formulation**

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

#### **Immunogen**

Recombinant human IMP3 (1-184aa) purified from E. coli

# Isotype

IgG1 kappa

### **Purification Note**

By protein-A affinity chromatography

# **Application**

ELISA, WB, ICC/IF

#### Usage

The antibody has been tested by ELISA, Western blot analysis and ICC/IF to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

#### **Storage**



# NKMAXBio We support you, we believe in your research

# **Human IMP3 antibody**

Catalog Number: ATGA0437

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

# **BACKGROUND**

# **Description**

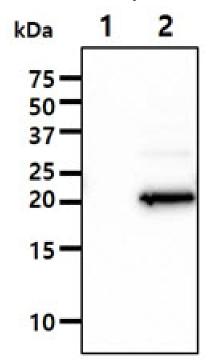
IMP3 is the human homolog of the yeast Imp3 protein. The protein localizes to the nucleoli and interacts with the u3 snoRNP complex. The protein contains an S4 domain.

#### **General References**

Li C., et al. (2007) Mod Pathol. 20(2): 242-7. Granneman S., et al. (2003) Nucleic Acids Res. 31(7): 1877-87.

### **DATA**

## Western blot analysis (WB)

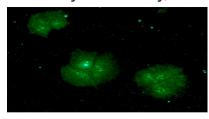


The Cell lysates (10ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human IMP3 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Lane 1.: 293T cell lysate

Lane 2.: IMP3 Transfected 293T cell lysate

### Immunocytochemistry/Immunofluorescence (ICC/IF)



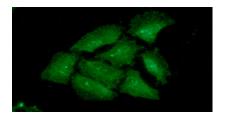
ICC/IF analysis of IMP3 in Hep3B cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human IMP3 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



# NKMAXBio We support you, we believe in your research

# **Human IMP3 antibody**

Catalog Number: ATGA0437



ICC/IF analysis of IMP3 in Hep3B cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human IMP3 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).

