

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

#### www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB12531 - Goat Anti-MSI2 / musashi-2 (aa33-43) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: MSI2, musashi RNA-binding protein 2, MSI2H, RNA-binding protein

Musashi homolog 2, musashi homolog 2, musashi-2

Official Symbol: MSI2

Accession Number(s): NP\_620412.1; NP\_733839.1

Human GeneID(s): 124540

Non-Human GeneID(s): 76626 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP\_620412.1; NP\_733839.1).

## **Immunogen**

Peptide with sequence C-SPDSLRDYFSK, from the internal region of the protein sequence according to NP\_620412.1; NP\_733839.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

#### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 37kDa band observed in lysates of cell line Kelly (calculated MW of 35.2kDa according to NP\_620412.1). Recommended concentration: 0.1-0.3μg/ml. Approx 37+39kDa bands observed in fetal Mouse Brain lysates (calculated MW of 36.9kDa according to Mouse NP\_473384.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1μg/ml. Primary incubation was 1 hour. **IHC:** Paraffin embedded Human Adrenal Gland. Recommended concentration: 5μg/ml.

### **Species Reactivity**

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12531 (0.1 $\mu$ g/ml) staining of Kelly lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.

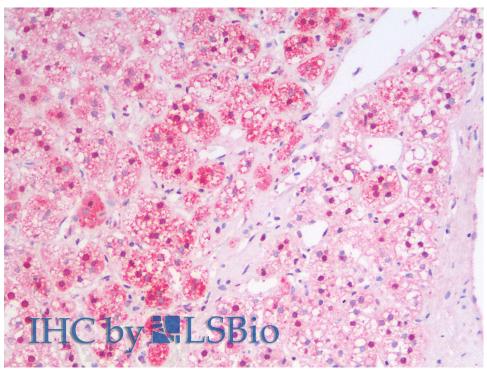
250kDa 150kDa 100kDa 75kDa 50kDa

20kDa

25kDa

15kDa

EB12531 ( $0.3\mu g/ml$ ) staining of fetal Mouse Brain lysate ( $35\mu g$  protein in RIPA buffer). Detected by chemiluminescence.



EB12531 (5µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.