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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 GenelD(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

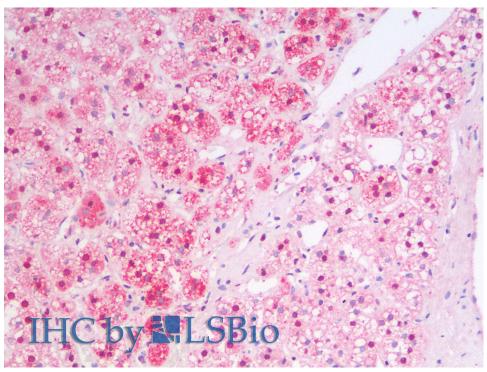
Expected from sequence similarity: Human, Mouse, Cow

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

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

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

EB12531 (0.3μg/ml) staining of fetal Mouse Brain lysate (35μg 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.