

#### **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.

# EB10049 - Goat Anti-MEIS2 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** HsT18361, Meis homeobox 2, Meis homolog 2, Meis1, myeloid ecotropic viral integration site 1 homolog 2, Meis1-related gene 1, MGC2820, MRG1,

OTTHUMP00000160209, TALE homeobox protein Meis2, MEIS2

Official Symbol: MEIS2

Accession Number(s): NP\_733777.1; NP\_733775.1; NP\_758526.1

Human GeneID(s): 4212

**Important Comments:** This antibody is expected to recognize reported Human isoforms a (NP\_733777.1), c (NP\_733775.1), and g (NP\_758526.1), and reported Mouse isoforms 3, 4 and 5 (NP\_001153039.1, NP\_001153040.1, NP\_001153041.1). NB: The immunizing peptide shows no overlap with the reported PROVISIONAL Rat protein NP\_001101228.1 but is does with UniprotKB entry D4A2T5.

### **Immunogen**

Peptide with sequence C-QSNRAGFLLDPSVSQ, from the internal region of the protein sequence according to NP\_733777.1; NP\_733775.1; NP\_758526.1.

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**

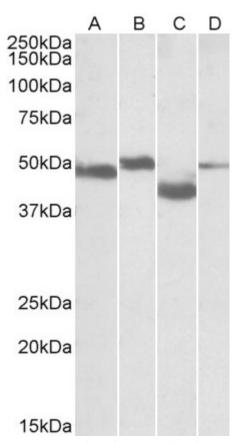
Peptide ELISA: antibody detection limit dilution 1:16000.

**Western blot:** Approx 50kDa bands observed in Rat Brain and Rat Thymus lysates, 48kDa band in Mouse Brain and 40kDa in Mouse Thymus (calculated MW of 51.8kDa according to Human NP\_733775.1 and Mouse NP\_001153040.1, and of 43.7kDa according to Mouse NP\_001153039.1 and NP\_001153041.1). Recommended concentration: 0.1-0.3 µg/ml.

### **Species Reactivity**

Tested: Mouse, Rat

Expected from sequence similarity: Human, Mouse, Dog, Cow



EB10049 (0.1μg/ml) staining of Mouse Brain (lane A), Rat Brain (lane B), Mouse Thymus (lane C) and Rat Thymus (lane D) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.