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**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 it 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

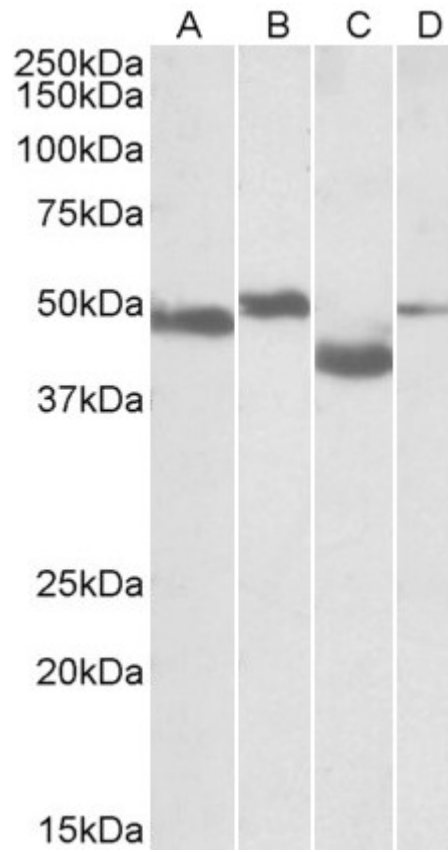
Peptide ELISA: antibody detection limit dilution 1:16000.

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