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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06356 - Goat Anti-DOT1L Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DOT1L, DOT1-like, histone H3 methyltransferase (*S. cerevisiae*), DOT1, KIAA1814, histone methyltransferase DOT1L, DOT1-like, histone H3 methyltransferase

Official Symbol: DOT1L

Accession Number(s): NP_115871.1

Human GeneID(s): [84444](#)

Non-Human GeneID(s): 208266 (mouse)

Immunogen

Peptide with sequence C-SFSGVAGGTVGGN, from the C Terminus of the protein sequence according to NP_115871.1.

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 1:32000.

Western blot: Western Blot: Preliminary experiments gave no signal but low background in Human Kidney and Testis lysates at up to 1µg/ml (Whole cell RIPA lysates not nuclear lysates). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Immunohistochemistry: Preliminary experiments in paraffin embedded Human kidney, shows cytoplasmic and nuclear staining of some epithelial cells in some renal tubules. Recommended concentration, 4µg/ml.

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse