

Goat anti-KMT2B/MLL4 Antibody

Item Number	dAP-0363
Target Molecule	Principle Name: KMT2B/MLL4; Official Symbol: KMT2B; All Names and Symbols: KMT2B; MLL4; myeloid/lymphoid or mixed-lineage leukemia 4; HRX2; MLL2; KIAA0304; KIAA0304 gene product; DYT28; MLL1B; WBP7; WBP-7; CXXC10; Lysine methyltransferase 2B histone-lysine N-methyltransferase 2B; Accession Number (s): NP_055542.1; Human Gene ID(s): 9757; Non-Human GeneID(s): 75410 (mouse)
Immunogen	CNCGAKRCRRFLN, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Using our routine western blotting protocol we would not expect to reliably detect proteins larger than 250kDa (calculated MWt. of approx. 294KDa according to NP_055542.1).
IHC	Immunohistochemistry: Positive staining seen in paraffin embedded Human Testis and Human Brain Cortex. Recommended concentration: 5-10µg/ml.
Reference	Reference(s): Huntsman DG, Chin SF, Muleris M, Batley SJ, Collins VP, Wiedemann LM, Aparicio S, Caldas C. MLL2, the second human homolog of the Drosophila trithorax gene, maps to 19q13.1 and is amplified in solid tumor cell lines. Oncogene. 1999 Dec 23;18(56):7975-84..PMID: 10637508 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**