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EB05724 - Goat Anti-CLLD8 / SETDB2 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: SETDB2, CLLD8, SET domain, bifurcated 2, CLLL8 protein, C13orf4, CLLL8, DKFZp586I0123, DKFZp761J1217, KMT1F, chronic lymphocytic leukemia deletion region 8, lysine N-methyltransferase 1F, histone-lysine N-methyltransferase SETDB2
Official Symbol: SETDB2
Accession Number(s): NP_114121.2; NP_001153780.1
Human GeneID(s): 83852
Important Comments: This antibody is expected to recognize both reported isoforms (NP_114121.2; NP_001153780.1).

Immunogen

Peptide with sequence GEKNGDAKTFWME-C, from the N Terminus of the protein sequence according to NP_114121.2; NP_001153780.1.

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 1:8000.
Western blot: Approx 80kDa band observed in Human Heart lysates (calculated MW of 81.9kDa according to NP_114121.1). Recommended concentration: 1.5-4.5µg/ml. This product is not suitable in WB on Mouse Heart and Rat Heart lysates.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

EB05724 (1.5µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.