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EB08118 - Goat Anti-HYPB / SETD2 (internal region) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: SETD2, SET domain containing 2, FLJ16420, FLJ22472, FLJ23184, FLJ45883, HIF-1, HSPC069, HYPB, KIAA1732, huntingtin interacting protein 1, huntingtin interacting protein B
Official Symbol: SETD2
Accession Number(s): NP_054878.5; NP_001336299.1
Human GeneID(s): 29072
Non-Human GeneID(s): 235626 (mouse)

Immunogen

Peptide with sequence C-ERDPDKQTQNKE, from the internal region of the protein sequence according to NP_054878.5; NP_001336299.1.

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 1:128000.

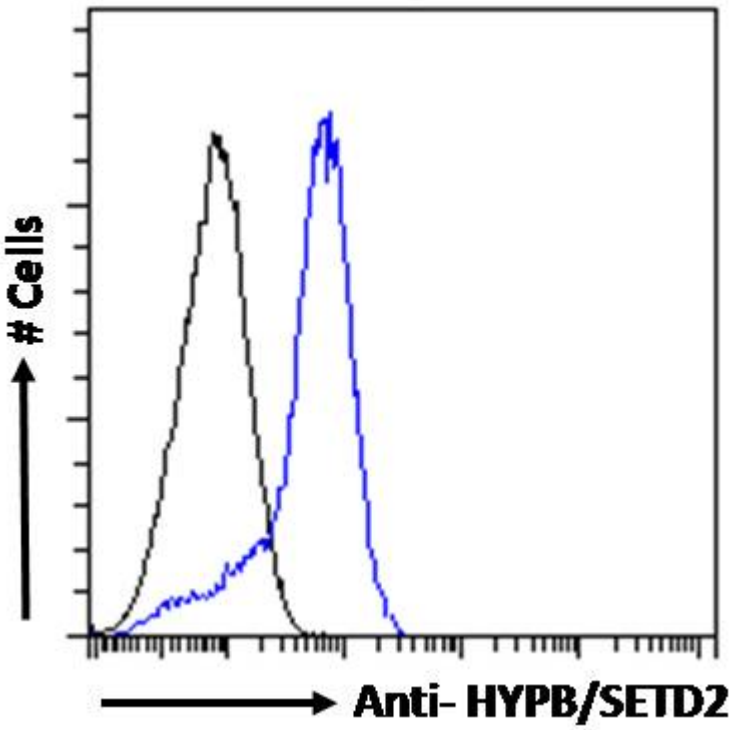
Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

Species Reactivity

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

Specific Reference

This antibody (previous batch) has been successfully used in Western blot on Mouse:
Yi X, Tao Y, Lin X, Dai Y, Yang T, Yue X, Jiang X, Li X, Jiang DS, Andrade KC, Chang J. Histone methyltransferase Setd2 is critical for the proliferation and differentiation of myoblasts.
Biochim Biophys Acta. 2017 Apr;1864(4):697-707.
PMID: 28130125



EB08118 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.