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Research Use Only. Not for diagnostic or therapeutic use.

EB06959-B - Goat Anti-CBX3 / HP1 Gamma, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CBX3, chromobox 3, HECH, HP1-GAMMA, HP1Hs-gamma, HP1 gamma homolog, chromobox homolog 3 (HP1 gamma homolog, Drosophila), heterochromatin protein 1 homolog gamma, heterochromatin protein HP1 gamma, heterochromatin-like protein 1, modifier 2 protein Official Symbol: CBX3 Accession Number(s): NP_009207.2 Human GenelD(s): <u>11335</u> Non-Human GenelD(s): 12417 (mouse), 297093 (rat) Important Comments: No cross-reactivity expected with HP1-alpha and HP1-beta. Reported variants represent identical protein: NP_009207.2, NP_057671.2

Immunogen

Peptide with sequence CEAFLNSQKAGKEKD., from the internal region of the protein sequence according to NP_009207.2.

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.

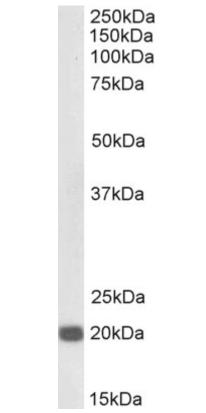
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 20kDa band observed in lysates of cell line NIH3T3 (calculated MW of 20.8kDa according to Mouse NP_031650.3). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

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



Biotinylated EB06959 (0.3µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.