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Research Use Only. Not for diagnostic or therapeutic use.

EB06957-B - Goat Anti-CBX5 / HP1-Alpha, biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CBX5, chromobox homolog 5, HEL25, HP1, HP1A, HP1 alpha homolog, HP1-ALPHA, HP1Hs alpha, antigen p25, chromobox homolog 5 (HP1 alpha homolog, Drosophila), epididymis luminal protein 25, heterochromatin protein 1 homolog alpha, heterochromatin protein 1-alpha

Official Symbol: CBX5

Accession Number(s): NP_036249.1

Human GenelD(s): 23468

Important Comments: Reported variants represent identical protein: NP_036249.1,

NP_001120793.1, NP_001120794.1

Immunogen

Peptide with sequence C-NKRKSNFSNSADDIK., from the internal region of the protein sequence according to NP_036249.1.

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.

Western blot: Approx 25kDa band observed in HeLa lysates (calculated MW of 22.2kDa according to NP_036249.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3μg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB06957 (0.1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.