

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

Enquiries:

info@everestbiotech.com

Sales:

UK

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB06958 - Goat Anti-CBX1 / HP1-Beta Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CBX1, HP1-BETA, chromobox homolog 1 (HP1 beta homolog Drosophila), HGNC:1551, CBX, HP1Hs-beta, M31, MOD1, chromobox homolog 1 (Drosophila HP1 beta), heterochromatin protein p25 beta, HP1Hsbeta, p25beta,

heterochromatin protein 1-beta, modifier 1 protein

Official Symbol: CBX1

Accession Number(s): NP_006798.1; NP_001120700.1

Human GeneID(s): 10951

Non-Human GenelD(s): 12412 (mouse), 360609 (rat)

Important Comments: Variants (NP_006798.1; NP_001120700.1) encode the same

protein.

Immunogen

Peptide with sequence C-QSQKTAHETDKSE, from the internal region of the protein sequence according to NP_006798.1; NP_001120700.1.

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 1:32000.

Western blot: Approx. 25kDa band observed in lysates of A431, HeLa and HepG2 (calculated MW of 25kDa according to NP_006798.1). Recommended concentration: 0.3-1.0 μg/ml.

IHC: In paraffin embedded Human Placenta shows strong nuclear staining in trophoblasts. Recommended concentration, 2-3µg/ml.

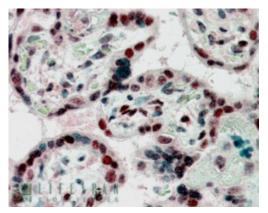
Species Reactivity

Tested: Human

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

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

EB06958 (0.3 μ g/ml) staining of A431 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06958 (2.5 μ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.