UK Office

Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

EB05774 - Goat Anti-CBX6 and CBX8 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: CBX6, chromobox homolog 6, CBX8, chromobox homolog 8, PC3, RC1, HPC3, polycomb 3, Neuronal pentraxin receptor, chromobox homolog 8 (Pc class homolog, Drosophila)
Official Symbol: CBX6 / CBX8
Accession Number(s): NP_055107.3; NP_065700.1
Human GeneID(s): 23466 , 57332
Important Comments: This antibody is expected to recognise both the human proteins CBX6 and CBX8, which are almost identical.

Immunogen

Peptide with sequence ELSAVGERVFAAE-C, from the N Terminus of the protein sequence according to NP_055107.3; NP_065700.1.

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 1:64000.
Western blot: Preliminary experiments gave an approx 37kDa band in Human, Mouse and Rat Brain lysates at 0.3ug/ml. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 43.8kDa according to NP_055107.3 (CBX6) and 43.4 kDa according to NP_065700.1 (CBX8). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

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