

CBX2 rabbit pAb

Cat No.: ES7779

For research use only

Overview

Product Name CBX2 rabbit pAb

Host species Rabbit

Applications IHC;IF;ELISA **Species Cross-Reactivity** Human;Mouse

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/40000. Not yet tested in other applications.

Immunogen Synthesized peptide derived from the N-terminal

region of human CBX2.

Specificity CBX2 Polyclonal Antibody detects endogenous levels

of CBX2 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Chromobox protein homolog 2

Gene Name CBX2

Cellular localization Nucleus . Chromosome . Localized in distinct foci on

chromatin and in chromocenters. Localizes to the inactive X chromosome. Seems to be recruited to

H3K27me3, H3K9ac and H3K3me2 sites on

chromatin...

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 84733 Human Swiss-Prot Number Q14781

Alternative Names CBX2; Chromobox protein homolog 2

Background This gene encodes a component of the polycomb

multiprotein complex, which is required to maintain the transcriptionally repressive state of many genes throughout development via chromatin remodeling

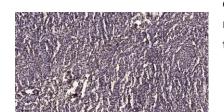


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and modification of histones. Disruption of this gene in mice results in male-to-female gonadal sex reversal. Mutations in this gene are also associated with gonadal dysgenesis in humans. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Mar 2010],



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Immunohistochemical analysis of paraffin-embedded human brain tumor. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

