
Product Name: CBX2 Mouse Monoclonal Antibody**Catalog #: AMM81559**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	56kDa

Antigen Information

Gene Name	CBX2
Alternative Names	M33; CDCA6; SRXY5
Gene ID	84733.0
SwissProt ID	Q14781
Immunogen	Purified recombinant fragment of human CBX2 (AA: 402-525) expressed in E. Coli.

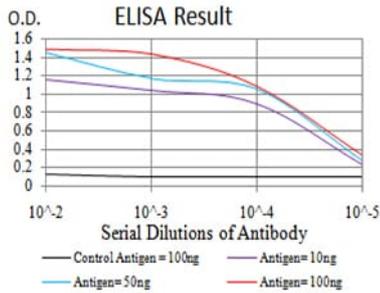
Background

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 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

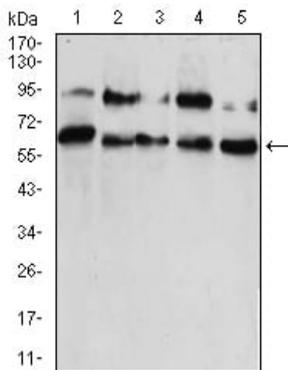
dysgenesis in humans. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Research Area

Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using CBX2 mouse mAb against HUVEC (1), HEK293 (2), Hela (3), NIH/3T3 (4), and A431 (5) cell lysate.