

## CBX8 Antibody

Catalog No: #31048

Package Size: #31048-1 50ul #31048-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

|                       |   |
|-----------------------|---|
| Product Name          | CBX8 Antibody   |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Applications          | ELISA WB IHC  |
| Species Reactivity    | Hu  |
| Specificity           | The antibody detects endogenous level of total CBX8 protein.                              |
| Immunogen Type        | Recombinant protein   |
| Immunogen Description | Fusion protein corresponding to a C terminal 300 amino acids of human chromobox homolog 8 |
| Target Name           | CBX8  |
| Other Names           | chromobox homolog 8, PC3, RC1   |
| Accession No.         | Swiss-Prot:Q9HC52Gene ID:57332;   |
| Uniprot               | Q9HC52  |
| GeneID                | 57332;  |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                           |
| Storage               | Store at -20°C/1 year   |

## Application Details

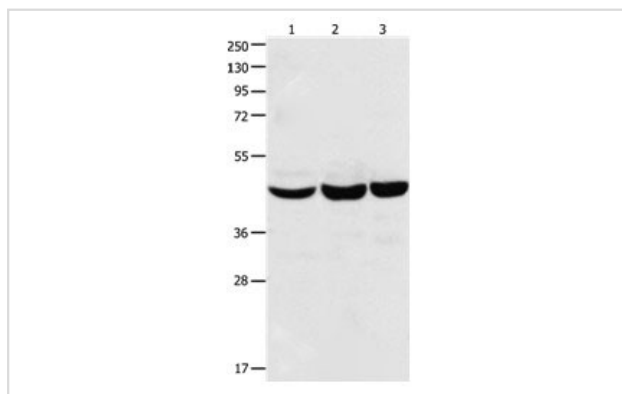
Predicted MW: 43kd

ELISA: 1:2000-1:5000

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:10-1:50

## Images



Gel: 10%SDS-PAGE

Lane1: 231 cell lysate

Lane2: HeLa cell lysate

Lane3: A549 cell lysate

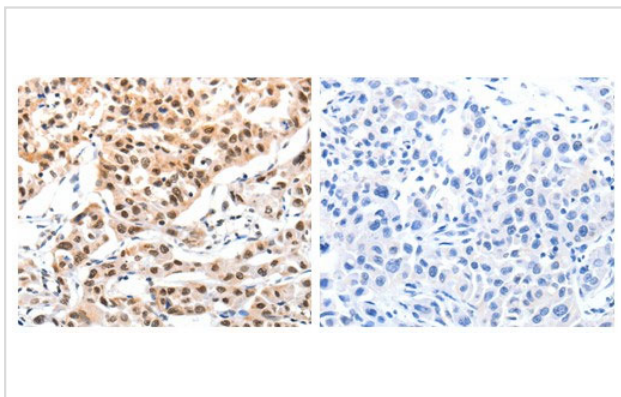
Lysates: 40 ug

Primary antibody: 1/200 dilution

Secondary antibody: Goat anti Rabbit IgG - H&amp;L (HRP) at

1/10000 dilution

Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 31048 (CBX8 Antibody) at dilution 1/10, on the right is treated with the fusion protein.

## Background

Chromobox protein homolog 8 is a protein that in humans is encoded by the CBX8 gene. CBX8 has been shown to interact with RING1 and MLLT1. Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.

Note: This product is for in vitro research use only