

# CUX1 Rabbit pAb

Catalog No.: A2213

1 Publications

## Basic Information

### Observed MW

200kDa

### Calculated MW

72-77kDa/147-165kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is a member of the homeodomain family of DNA binding proteins. It may regulate gene expression, morphogenesis, and differentiation and it may also play a role in the cell cycle progression. Several alternatively spliced transcript variants encoding different isoforms have been identified.

## Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

## Immunogen Information

### Gene ID

1523

### Swiss Prot

P39880/Q13948

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human CUX1 (NP\_001189472.1).

### Synonyms

CDP; CUX; p75; CASP; CDP1; COY1; Clox; GDDI; p100; p110; p200; CUTL1; GOLIM6; CDP/Cut; Cux/CDP; Nbla10317; CUX1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

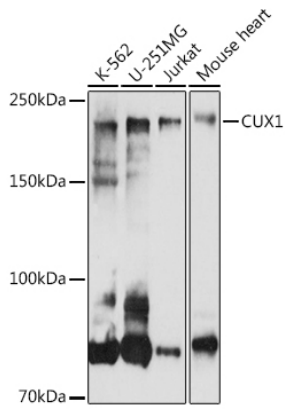
Affinity purification

### Storage

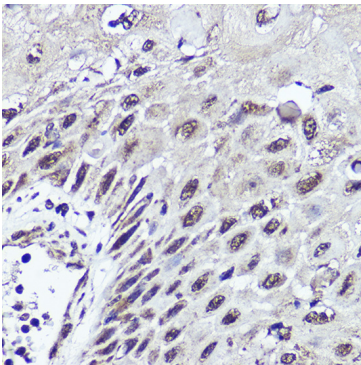
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

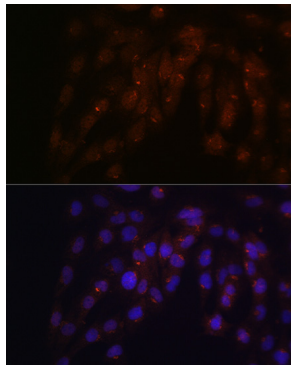
## Validation Data



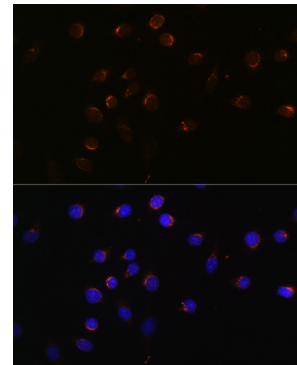
Western blot analysis of various lysates using CUX1 Rabbit pAb (A2213) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using CUX1 Rabbit pAb (A2213) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of C6 cells using CUX1 Rabbit pAb (A2213) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using CUX1 Rabbit pAb (A2213) at dilution of 1:100. Blue: DAPI for nuclear staining.