

# CUX1 (Phospho Ser1237) Rabbit pAb

CatalogNo: YP1783

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB

### MW

- 166kD (Calculated)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

**WB 1:500-2000**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized peptide derived from human CUTL1 (Phospho-Ser1237)

**Specificity** This antibody detects endogenous levels of CUTL1 (Phospho-Ser1237) at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): GAS<sub>PQ</sub>

## Target Information

**Gene name** CUX1 CUTL1

**Protein Name** Homeobox protein cut-like 1 (Phospho-Ser1237)

Organism	Gene ID	UniProt ID
Human	<a href="#">1523</a> ;	<a href="#">P39880</a> ;
Mouse	<a href="#">13047</a> ;	<a href="#">P53564</a> ;
Rat		<a href="#">P53565</a> ;

**Cellular Localization** Nucleus .

**Tissue specificity** Colon,Duodenum,Liver,Umbilical vein,

**Function** Alternative products:Additional isoforms seem to exist,Function:May be involved in intra-Golgi retrograde transport.,Function:Probably has a broad role in mammalian development as a repressor of developmentally regulated gene expression. May act by preventing binding of positively-activating CCAAT factors to promoters. Component of nf-munr repressor; binds to the matrix attachment regions (MARs) (5' and 3') of the immunoglobulin heavy chain enhancer. Represses T-cell receptor (TCR) beta enhancer function by binding to MARbeta, an ATC-rich DNA sequence located upstream of the TCR beta enhancer.,miscellaneous:Asn-1290 may participate in regulating DNA-binding activity by promoting homo- and heterodimerization.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the CASP family.,similarity:Belongs to the CUT homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 3 CUT DNA-binding domains.,subunit:Homodimer; disulfide-linked. Interacts with GOLGA5.,subunit:Interacts with BANP.,

## Validation Data

## Contact information

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