

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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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_{PQ}

Target Information

Gene name CUX1 CUTL1

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

Organism	Gene ID	UniProt ID
Human	1523 ;	P39880 ;
Mouse	13047 ;	P53564 ;
Rat		P53565 ;

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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