

**CUTL1 (Phospho Ser1237) rabbit pAb**

<b>Catalog No :</b>	YP1783
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	CUTL1
<b>Gene Name :</b>	CUX1 CUTL1
<b>Protein Name :</b>	CUTL1 (Phospho-Ser1237)
<b>Human Gene Id :</b>	1523
<b>Human Swiss Prot No :</b>	P39880
<b>Mouse Gene Id :</b>	13047
<b>Mouse Swiss Prot No :</b>	P53564
<b>Rat Swiss Prot No :</b>	P53565
<b>Immunogen :</b>	Synthesized peptide derived from human CUTL1 (Phospho-Ser1237)
<b>Specificity :</b>	This antibody detects endogenous levels of CUTL1 (Phospho-Ser1237) at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml

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

**Molecularweight :** 166kD

**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.[provided by RefSeq, Feb 2011],

**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-bin

**Subcellular Location :** Nucleus .

**Expression :** Colon,Duodenum,Liver,Umbilical vein,

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