



# ZFP57 rabbit pAb

<b>Catalog No</b>	BYab-12252
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	ZFP57 C6orf40 ZNF698
<b>Protein Name</b>	ZFP57
<b>Immunogen</b>	Synthesized peptide derived from human ZFP57 AA range: 373-423
<b>Specificity</b>	This antibody detects endogenous levels of ZFP57 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>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Nucleus . Binds various differentially methylated regions (DMR). .
<b>Tissue Specificity</b>	
<b>Function</b>	disease:Defects in ZFP57 are the cause of transient neonatal diabetes mellitus type 1 (TNDM1) [MIM:601410]. Neonatal diabetes is a form of diabetes mellitus defined by the onset of mild-to-severe hyperglycemia within the first months of life. In about half of the neonates, diabetes is transient and resolves at a median age of 3 months, whereas the rest have a permanent form of diabetes. The major cause of TNDM1 is aberrant expression of imprinted genes at chromosome 6q24, associated in 20% of cases with DNA hypomethylation at the transient neonatal diabetes differentially methylated region (DMR), which lies within the imprinted promoter of the PLAGL1 gene. Over 50% of individuals with transient neonatal diabetes and hypomethylation at 6q24 also show mosaic DNA hypomethylation at other imprinted loci throughout the genome and a range of additional clinical features.,domain:The KRAB domain

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**Background**

The protein encoded by this gene is a zinc finger protein containing a KRAB domain. Studies in mouse suggest that this protein may function as a transcriptional repressor. Mutations in this gene have been associated with transient neonatal diabetes mellitus type 1 (TNDM1).[provided by RefSeq, Sep 2009],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

