

**GCM2 rabbit pAb****Cat#: orb771734 (Manual)**

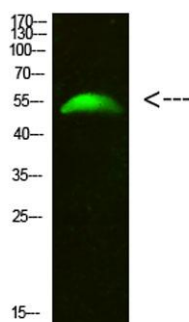
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<b>Product Name</b>	GCM2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Immunogen</b>	Synthesized peptide derived from human GCM2. at AA range: 21-70
<b>Specificity</b>	GCM2 Polyclonal Antibody detects endogenous levels of GCM2
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	GCM2
<b>Gene Name</b>	GCM2
<b>Cellular localization</b>	Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	56kD
<b>Human Gene ID</b>	9247
<b>Human Swiss-Prot Number</b>	O75603
<b>Alternative Names</b>	Chorion-specific transcription factor GCMb (hGCMb) (GCM motif protein 2) (Glial cells missing homolog 2)

### Background

This gene is a homolog of the *Drosophila* glial cells missing gene, which is thought to act as a binary switch between neuronal and glial cell determination. The protein encoded by this gene contains a conserved N-terminal GCM motif that has DNA-binding activity. The protein is a transcription factor that acts as a master regulator of parathyroid development. It has been suggested that this transcription factor might mediate the effect of calcium on parathyroid hormone expression and secretion in parathyroid cells. Mutations in this gene are associated with hypoparathyroidism. [provided by RefSeq, Jul 2008],



**Western Blot analysis of 293T cells using primary antibody diluted at 1:500(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800( diluted at 1:5000, 25°C, 1 hour)**