

**bs-11206R****[ Primary Antibody ]****PLAGL1 Rabbit pAb****BioSS**  
**ANTIBODIES**

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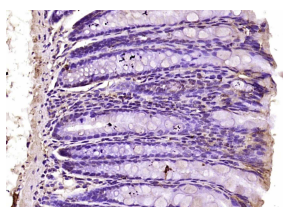
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 5325 <b>Target:</b> PLAGL1 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PLAGL1: 1-100/463. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> This gene encodes a C2H2 zinc finger protein with transactivation and DNA-binding activities. It has been shown to have anti-proliferative properties, and thus thought to function as a tumor suppressor. In addition, overexpression of this gene during fetal development is believed to underlie the rare disorder, transient neonatal diabetes mellitus (TNDM). This gene is imprinted, with preferential expression of the paternal allele in many tissues, however, biallelic expression has been noted in peripheral blood leucocytes. A recent study reports that tissue-specific imprinting results from variable utilization of monoallelic and biallelic promoters. Many transcript variants differing in the 5' UTR and encoding two different isoforms, have been found for this gene. [provided by RefSeq, Oct 2010].	<b>Isotype:</b> IgG <b>SWISS:</b> Q9UM63	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) <b>Reactivity:</b> Mouse (predicted: Human, Rat, Pig, Zebrafish, Dog) <b>Predicted MW.:</b> 51 kDa <b>Subcellular Location:</b> Nucleus
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (mouse colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PLAGL1) Polyclonal Antibody, Unconjugated (bs-11206R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.