

## CAB0704

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### Product Information

<b>Product SKU:</b>	CAB0704	<b>Gene ID:</b>	3047/3048	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC1838	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse

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### Additional Information

<b>Observed MW:</b>	12kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	12kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

<b>Background:</b>	The gamma globin genes (HBG1 and HBG2) are normally expressed in the fetal liver, spleen and bone marrow. Two gamma chains together with two alpha chains constitute fetal hemoglobin (HbF) which is normally replaced by adult hemoglobin (HbA) at birth. In some beta-thalassemias and related conditions, gamma chain production continues into adulthood. The two types of gamma chains differ at residue 136 where glycine is found in the G-gamma product (HBG2) and alanine is found in the A-gamma product (HBG1). The former is predominant at birth. The order of the genes in the beta-globin cluster is: 5'<math>\epsilon</math>-<math>\gamma</math>-<math>\delta</math>-<math>\beta</math>-3'<math>.</math> [provided by RefSeq, Jul 2008]
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
<b>Synonyms:</b>	HBG-T2; HBGA; HBGR; HSGGL1; PRO2979; HBG1/2
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HBG1 (P69891).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.