

**bs-5969R****[ Primary Antibody ]****PLAG1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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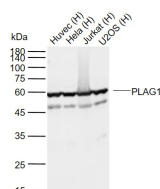
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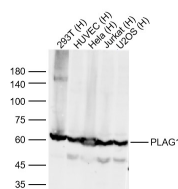
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 5324**SWISS:** Q6DJT9**Target:** PLAG1**Immunogen:** KLH conjugated synthetic peptide derived from human PLAG1: 21-120/500.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

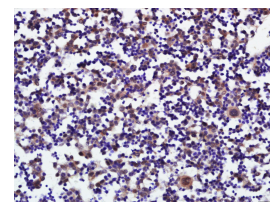
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Pleomorphic adenoma gene 1 encodes a zinc finger protein with 2 putative nuclear localization signals. PLAG1, which is developmentally regulated, has been shown to be consistently rearranged in pleomorphic adenomas of the salivary glands. PLAG1 is activated by the reciprocal chromosomal translocations involving 8q12 in a subset of salivary gland pleomorphic adenomas. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse  
(predicted: Rat, Pig, Cow,  
Dog, Horse)**Predicted  
MW.:** 56 kDa**Subcellular  
Location:** Nucleus**VALIDATION IMAGES**

Sample: Lane 1: Human Huvec cell lysates Lane 2: Human Hela cell lysates Lane 3: Human Jurkat cell lysates Lane 4: Human U2OS cell lysates  
Primary: Anti-PLAG1 (bs-5969R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kDa Observed band size: 58 kDa



Sample: Lane 1: Human 293T cell Lysates Lane 2: Human HUVEC cell Lysates Lane 3: Human Hela cell Lysates Lane 4: Human Jurkat cell Lysates Lane 5: Human U2OS cell Lysates  
Primary: Anti-PLAG1 (bs-5969R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56kDa Observed band size: 56kDa



Tissue/cell: mouse embryo liver; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-PLAG1 Polyclonal Antibody, Unconjugated(bs-5969R) 1:400, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining