

A Reliable Research Partner in Life Science and Medicine

Recombinant PLAG1 Monoclonal Antibody

catalog number: AN301944L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Rat; Mouse

Immunogen Recombinant human PLAG1 fragment

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A660

Purification Protein Apurified

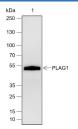
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

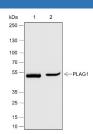
Applications Recommended Dilution

WB 1:5000-1:10000

IHC 1:50

Data





Western Blot with PLAG1 Monoclonal Antibody at dilution of Western Blot with PLAG1 Monoclonal Antibody at dilution of 1:10000. Lane 1: Human liver 1:3000. Lane 1: Mouse liver, Lane 2: Rat liver

Observed-MW:56 kDa Calculated-MW:56 kDa

Observed-MW:56 kDa Calculated-MW:56 kDa

Rev. V1.1

Immunohistochemistry of paraffin-embedded Human ovarian tumor using PLAG1 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

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Pleiomorphic adenoma gene 1 protein (PLAG1) is a transcription factor whose activation results in up-regulation of target genes, such as IGFII, leading to uncontrolled cell proliferation. When PLAG1 overexpression in cultured cells, higher proliferation rate and transformation are observed. Other target genes such as CRLF1, CRABP2, CRIP2, PIGF are strongly induced in cells with PLAG1 induction. PLAG1 ectopic expression can trigger the development of pleomorphic adenomas of the salivary gland and lipoblastomas. PLAG1 overexpression is associated with up-regulation of IGFII, is frequently observed in hepatoblastoma, common primary liver tumor in childhood. PLAG1 cooperates with CBFB-MYH11, a fusion gene important for myeloid leukemia.

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