OCIAD1 antibody (pAb)

Rabbit Anti-Human Ovarian Cancer Immuno-reactive Antigen Domain Containing Protein 1

Catalog Number
PK-AB718-5461

Synonyms
OCIAD1 Antibody; OCIAD1, Ovarian cancer immuno-reactive antigen domain-containing protein 1, OCIA domain-containing protein 1

Description
OCIAD1 was identified via immunoscreening of an ovarian carcinoma cDNA library from ovarian cancer patients and is expressed in multiple tissues including ovary, placenta, brain, testis, prostate, and mammary gland. Two isoforms of OCIAD1 are known to exist; the shorter isoform is restricted to the central nervous system. OCIAD1 is a transmembrane protein whose overexpression in HEY ovarian cancer cells increased lysosphatidic acid (LPA)-induced, but not basal level cell adhesion to extracellular matrix proteins collagen I and laminin10/11. This adhesion is not blocked by LY294002 and GF109203X, suggesting that OCIAD1 does not use protein kinase C and PI3 kinase signaling pathways to exert its effect on adhesion.

Quantity
100 µg

Source / Host
Rabbit

Immunogen
OCIAD1 antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human OCIAD1.

Purification Method
Affinity chromatography purified via peptide column.

Clone / IgG Subtype
Polyclonal antibody

Species Reactivity
Human

Specificity

Formulation
Antibody is supplied in PBS containing 0.02% sodium azide.

Reconstitution
During shipment, small volumes of antibody will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µl or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container’s cap.

Storage & Stability
Antibody can be stored at 4ºC for three months and at -20ºC for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Applications
E, WB, IF

Note: Antibody might be suitable for other applications not tested so far. Optimal concentrations for each application have to be determined individually.

OCIAD1 antibody can be used for detection of OCIAD1 by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL.

References


FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC PROCEDURES.