OCIAD2 Antibody

CATALOG NUMBER: 5465

Western blot analysis of OCIAD2 in SK-N-SH cell lysate with OCIAD2 antibody at (A) 0.5 and (B) 1 ug/mL.

Immunofluorescence of OCIAD2 in A549 cells with OCIAD2 antibody at 20 ug/mL.

Specifications

SPECIES REACTIVITY: Human, Mouse, Rat
TESTED APPLICATIONS: ELISA, IF, WB
APPLICATIONS: OCIAD2 antibody can be used for detection of OCIAD2 by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunofluorescence starting at 20 ug/mL. For immunofluorescence start at 20 ug/mL.
USER NOTE: Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL: 1) Cat. No. 1220 - SK-N-SH Cell Lysate
IMMUNOGEN: OCIAD2 antibody was raised against a 17 amino acid synthetic peptide from near the amino terminus of human OCIAD2.

The immunogen is located within the first 50 amino acids of OCIAD2.

HOST SPECIES: Rabbit

Properties

PURIFICATION: OCIAD2 Antibody is affinity chromatography purified via peptide column.
PHYSICAL STATE: Liquid
BUFFER: OCIAD2 Antibody is supplied in PBS containing 0.02% sodium azide.
CONCENTRATION: 1 mg/mL
STORAGE CONDITIONS: OCIAD2 antibody can be stored at 4˚C for three months and -20˚C, stable 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.

CLONALITY: Polyclonal
ISOTYPE: IgG
CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: OCIAD2 Antibody: OCIA domain-containing protein 2, Ovarian carcinoma immunoreactive antigen-like protein
ACCESSION NO.: NP_001014446
OCIAD2 Antibody: OCIAD2 was identified by its sequence similarity with OCIAD1, and together OCIAD1 and OCIAD2 form the OCIA domain family. OCIAD2 mRNA was found to be expressed at higher levels in invasive adenocarcinoma mixed subtype with bronchioalveolar carcinoma component (BAC) of the lung. Loss of OCIAD2 expression was significantly correlated with lymphatic invasion, blood vessel invasion, and lymph node metastasis, indicating that OCIAD2 may play a role in cell adhesion and prevention of cell migration. While the function of OCIAD2 is still unknown, its expression in adenocarcinoma with BAC component is significantly associated with a favorable prognosis and may serve as a marker for selecting tumors that are treatable by limited surgery.

REFERENCES: