

OCIAD1 Antibody

Catalog No: #24995

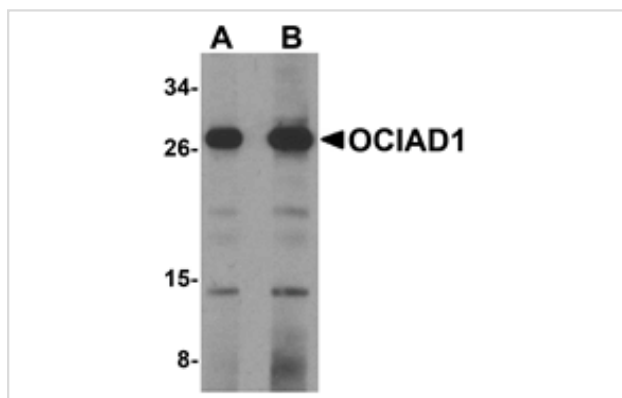
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Description

Product Name	OCIAD1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the carboxy terminus of human OCIAD1.
Target Name	OCIAD1
Other Names	OCIAD1, Ovarian cancer immuno-reactive antigen domain-containing protein 1, OCIA domain-containing protein 1
Accession No.	Swiss-Prot:Q9NX40Gene ID:54940
Uniprot	Q9NX40
GeneID	54940;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



Western blot analysis of OCIAD1 in 293 cell lysate with OCIAD1 antibody at (A) 1 and (B) 2 ug/mL.

Background

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 lysophosphatidic 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.

Note: This product is for in vitro research use only