

DATASHEET

OCIAD1 Rabbit Polyclonal Antibody

CAT. NO. APA14022

KEY FEATURES

Target	OCIAD1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Maintains stem cell potency . Increases STAT3 phosphorylation and controls ERK phosphorylation . May act as a scaffold, increasing STAT3 recruitment onto endosomes . Involved in integrin-mediated cancer cell adhesion and colony formation in ovarian cancer .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to OCIAD1
Specificity	Recognizes endogenous levels of OCIAD1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human OCIAD1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 20; Observed: 28 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	OCIA; OCIA domain-containing protein 1; Ovarian carcinoma immunoreactive antigen
Gene Symbol	OCIAD1
Entrez Gene	54940(Human); 68095(Mouse); 289590(Rat)
SwissProt	Q9NX40(Human); Q9CRD0(Mouse); Q5XIG4(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

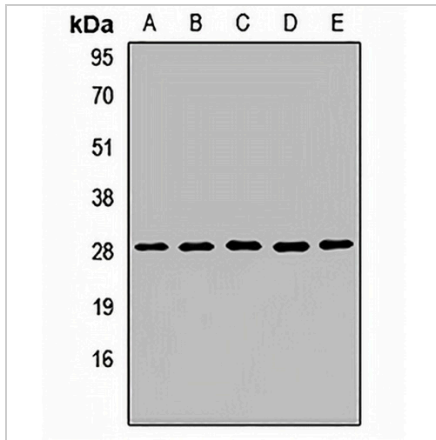
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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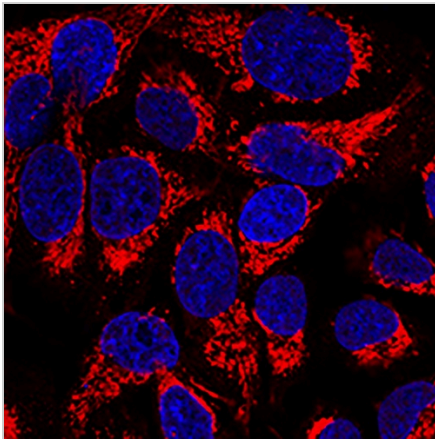
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DATA



Western blot analysis of OCIAD1 expression in SKOV3 (A), HeLa (B), mouse liver (C), mouse lung (D), rat heart (E) whole cell lysates. (Predicted band size: 20; 21; 27 kD; Observed band size: 28 kD)



Immunofluorescent analysis of OCIAD1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.