

Product Data Sheet

Anti-OSGEP Antibody

Catalog #	Source	Reactivity	Applications
CQA1606	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to OSGEP		
Immunogen	Recombinant full length protein of human OSGEP		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of OSGEP protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)		
Gene Symbol	OSGEP		
Alternative Names	GCPL1; Probable tRNA N6-adenosine threonylcarbamoyltransferase; N6-L-threonylcarbamoyladenine synthase; t(6)A synthase; O-sialoglycoprotein endopeptidase; hOSGEP; t(6)A37 threonylcarbamoyladenine biosynthesis protein OSGEP; tRNA threonylcarbamoyladenine biosynthesis protein OSGEP		
Entrez Gene	55644 (Human); 66246 (Mouse); 290028 (Rat)		
SwissProt	Q9NPF4 (Human); Q8BWU5 (Mouse); Q9WVS2 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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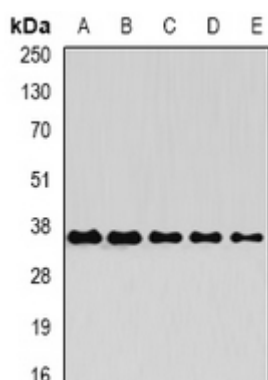
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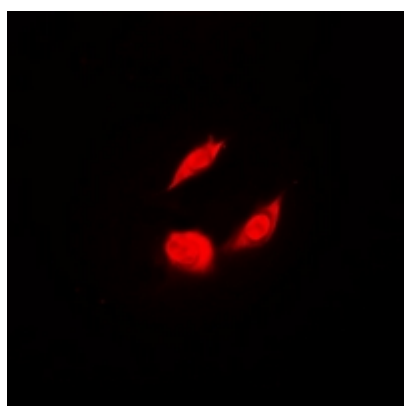
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Western blot analysis of OSGEP expression in Raji (A), Jurkat (B), mouse heart (C), mouse ovary (D), rat liver (E) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 36 kD)



Immunofluorescent analysis of OSGEP staining in A549 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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