

Product Data Sheet

Anti-PEG1 Antibody

Catalog #	Source	Reactivity	Applications
CQA3242	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to PEG1		
Immunogen	Recombinant full length protein of human PEG1		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of PEG1 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	MEST		
Alternative Names	PEG1; Mesoderm-specific transcript homolog protein; Paternally-expressed gene 1 protein		
Entrez Gene	4232 (Human); 17294 (Mouse); 58827 (Rat)		
SwissProt	Q5EB52 (Human); Q07646 (Mouse); Q6P5P5 (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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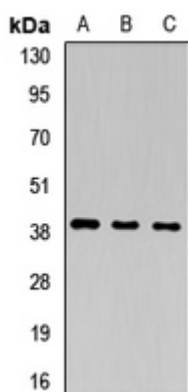
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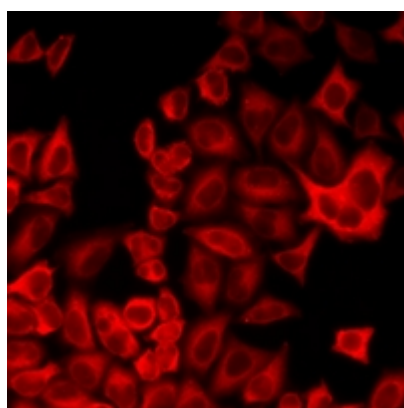
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Western blot analysis of PEG1 expression in MCF7 (A), HT29 (B), mouse testis (C) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 39 kD)



Immunofluorescent analysis of PEG1 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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