

Product Data Sheet

Anti-TBRG4 Antibody

Catalog #	Source	Reactivity	Applications
CQA1006	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to TBRG4		
Immunogen	Recombinant full length protein of human TBRG4		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of TBRG4 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	TBRG4		
Alternative Names	CPR2; FASTKD4; KIAA0948; Protein TBRG4; Cell cycle progression restoration protein 2; Cell cycle progression protein 2; FAST kinase domain-containing protein 4; Transforming growth factor beta regulator 4		
Entrez Gene	9238 (Human); 21379 (Mouse); 360977 (Rat)		
SwissProt	Q969Z0 (Human); Q91YM4 (Mouse); Q5M9G9 (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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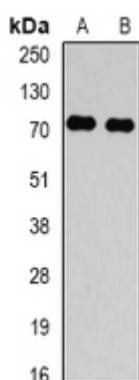
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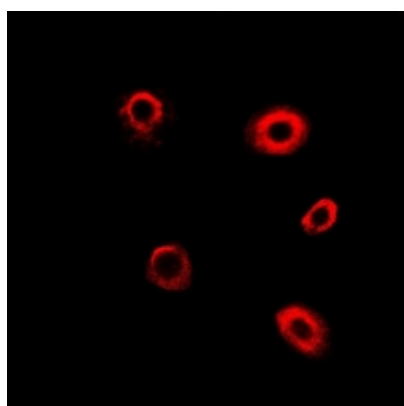
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Western blot analysis of TBRG4 expression in Hela (A), HepG2 (B) whole cell lysates. (Predicted band size: 58; 70 kD; Observed band size: 80 kD)



Immunofluorescent analysis of TBRG4 staining in Hela 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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