

Anti-TBC1D2 Antibody

Catalog #	Source	Reactivity	Applications
CPA4271	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to TBC1D2		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TBC1D2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of TBC1D2 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 - 1/1000), IH (1/50 - 1/100)		
Gene Symbol	TBC1D2		
Alternative Names	PARIS1; PP8997; TBC1D2A; TBC1 domain family member 2A; Armus; Prostate antigen recognized and identified by SEREX 1; PARIS-1		
Entrez Gene	55357 (Human); 381605 (Mouse); 313234 (Rat)		
SwissProt	Q9BYX2 (Human); B1AVH7 (Mouse); B5DFA1 (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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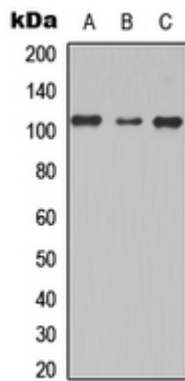
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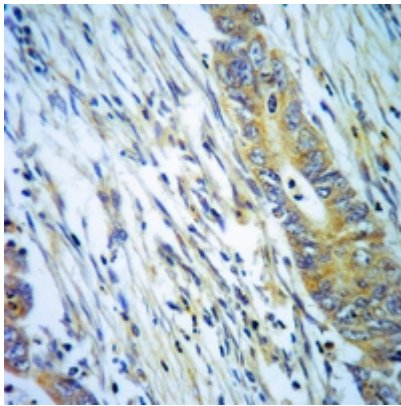
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Product Data Sheet



Western blot analysis of TBC1D2 expression in MCF7 (A), NS-1 (B), PC12 (C) whole cell lysates. (Predicted band size: 105 kD; Observed band size: 105 kD)



Immunohistochemical analysis of TBC1D2 staining in human colorectal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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