

Anti-TCF4/12 Antibody

Catalog #	Source	Reactivity	Applications
CPA4275	Rabbit	H, M, R, B, C, P	WB, IH
Description	Rabbit polyclonal antibody to TCF4/12		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TCF4/12. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of TCF4/12 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 (1/100 - 1/200)		
Gene Symbol	TCF4; TCF12		
Alternative Names	TCF4; BHLHB19; ITF2; SEF2; Transcription factor 4; TCF-4; Class B basic helix-loop-helix protein 19; bHLHb19; Immunoglobulin transcription factor 2; ITF-2; SL3-3 enhancer factor 2; SEF-2; TCF12; BHLHB20; HEB; HTF4; Transcription factor 12; TCF-12; Class B basic helix-loop-helix protein 20; bHLHb20; DNA-binding protein HTF4; E-box-binding protein; Transcription factor HTF-4		
Entrez Gene	6925, 6938 (Human); 21413, 21406 (Mouse); 84382, 25720 (Rat)		
SwissProt	P15884, Q99081 (Human); Q60722, Q61286 (Mouse); Q62655, P51514 (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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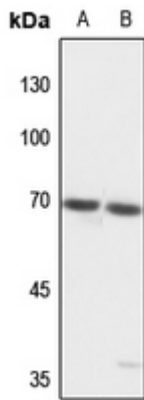
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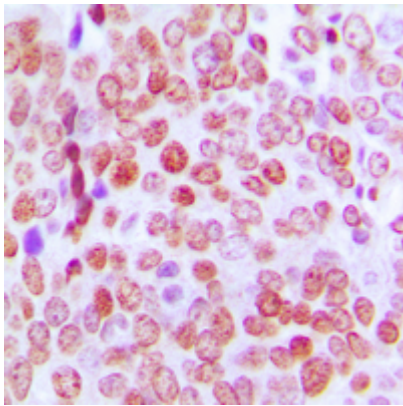
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Product Data Sheet



Western blot analysis of TCF4/12 expression in H446 (A), mouse liver (B) whole cell lysates. (Predicted band size: 71; 72 kD; Observed band size: 70 kD)



Immunohistochemical analysis of TCF4/12 staining in human prostate 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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