

Product Data Sheet

Anti-KLF10/11 Antibody

Catalog #	Source	e Reactivity	Applications		
CPA4049	Rabbit	H, M, R, Z	WB, IH		
Description		Rabbit polyclonal antibody to KLF10/11			
Immunogen		KLH-conjugated synthetic peptide encompassing a sequence within the C-term			
		region of human KLF10/11. The exact sequence is proprietary.			
Purification		The antibody was purified by	/ immunogen affinity chromatography.		
Specificity		Recognizes endogenous levels of KLF10/11 protein.			
Clonality		Polyclonal			
Conjugation					
Form		Liquid in 0.42% Potassium p	nosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol,		
		and 0.01% sodium azide.			
Dilution		WB (1/500 - 1/1000), IH (1/10	0 - 1/200)		
Gene Symbol		KLF10; KLF11			
Alternative Names		KLF10; TIEG; TIEG1; Krueppel-like factor 10; EGR-alpha; Transforming growth			
		factor-beta-inducible early g	rowth response protein 1; TGFB-inducible early growth		
		response protein 1; TIEG-1;	<pre>KLF11; FKLF; TIEG2; Krueppel-like factor 11;</pre>		
		Transforming growth factor-	beta-inducible early growth response protein 2;		
		TGFB-inducible early growth	response protein 2; TIEG-2		
Entrez Gene		7071, 8462 (Human); 21847, 194655 (Mouse); 81813 (Rat)			
SwissProt		Q13118, O14901 (Human); (089091, Q8K1S5 (Mouse); O08876 (Rat)		
Storage/Stabi	bility 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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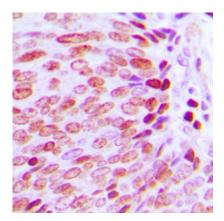
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Western blot analysis of KLF10/11 expression in HEK293T (A), Raw264.7 (B), PC12 (C) whole cell lysates. (Predicted band size: 52; 55 kD; Observed band size: 13 kD)



Immunohistochemical analysis of KLF10/11 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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