

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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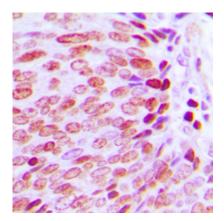
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Western blot analysis of KLF10/11 expression in HEK293T (A), Raw264.7 (B), PC12 (C) whole cell lysates. (Predicted band size: 52; 55 kD; Observed band size: 13 kD)



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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