For research purposes only, not for human use

# Product Data Sheet

## Anti-TNNC2 Antibody

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CQA2280 | Rabbit | H, M, R | WB, IH |

| | |
|---|---|
| **Description** | Rabbit polyclonal antibody to TNNC2 |
| **Immunogen** | Recombinant full length protein of human TNNC2 |
| **Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Specificity** | Recognizes endogenous levels of TNNC2 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 - 1/200) |
| **Gene Symbol** | TNNC2 |
| **Alternative Names** | Troponin C, skeletal muscle |
| **Entrez Gene** | 7125 (Human); 21925 (Mouse) |
| **SwissProt** | P02585 (Human); P20801 (Mouse) |
| **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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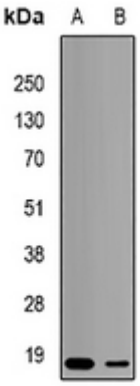
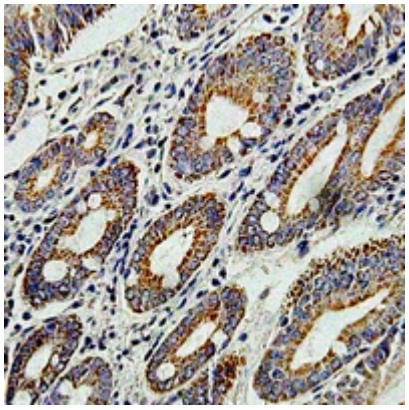



Western blot analysis of TNNC2 expression in HT29 (A), mouse brain (B) whole cell lysates. (Predicted band size: 18 kD; Observed band size: 18 kD)



Immunohistochemical analysis of TNNC2 staining in human colon 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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