For research purposes only, not for human use

Product Data Sheet

Anti-TMPase Antibody

Catalog #	Source	Reactivity	Applications
CQA2775	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to TMPase
Immunogen	Recombinant full length protein of human TMPase
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of TMPase 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 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	ACPP
Alternative Names	Prostatic acid phosphatase; PAP; 5'-nucleotidase; 5'-NT; Ecto-5'-nucleotidase; Thiamine monophosphatase; TMPase
Entrez Gene	55 (Human); 56318 (Mouse); 56780 (Rat)
SwissProt	P15309 (Human); Q8CE08 (Mouse); P20646 (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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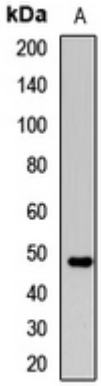
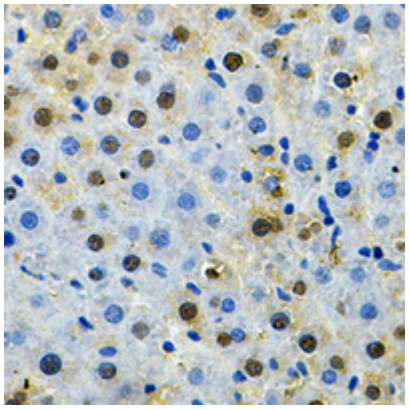


Western blot analysis of TMPase expression in MCF7 (A) whole cell lysates. (Predicted band size: 40; 44; 48 kD; Observed band size: 48 kD)



Immunohistochemical analysis of TMPase 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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