For research purposes only, not for human use

Product Data Sheet

Anti-MCT12 Antibody

Catalog #	Source	Reactivity	Applications
CPA5215	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to MCT12
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MCT12. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of MCT12 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	SLC16A12
Alternative Names	MCT12; Monocarboxylate transporter 12; MCT 12; Solute carrier family 16 member 12
Entrez Gene	387700 (Human); 240638 (Mouse)
SwissProt	Q6ZSM3 (Human); Q8BGC3 (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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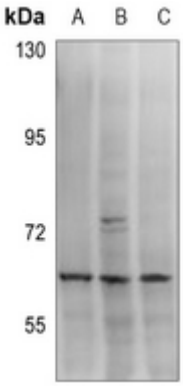
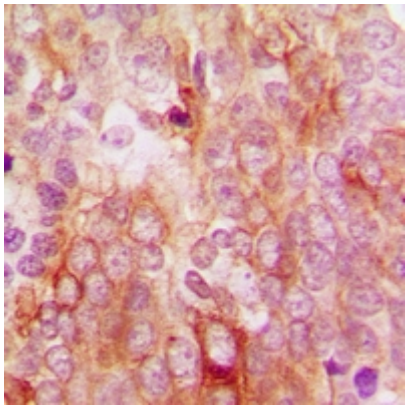


Western blot analysis of MCT12 expression in HEK293T (A), A549 (B), HepG2 (C) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 60 kD)



Immunohistochemical analysis of MCT12 staining in human breast 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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