For research purposes only, not for human use

Product Data Sheet

Anti-NBC4 Antibody

Catalog #	Source	Reactivity	Applications
CQA2500	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to NBC4
Immunogen	Recombinant full length protein of human NBC4
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of NBC4 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	SLC4A5
Alternative Names	NBC4; Electrogenic sodium bicarbonate cotransporter 4; NBCe2; Solute carrier family 4 member 5
Entrez Gene	57835 (Human); 297386 (Rat)
SwissProt	Q9BY07 (Human); Q6RI88 (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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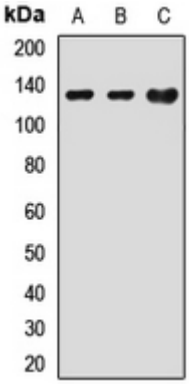
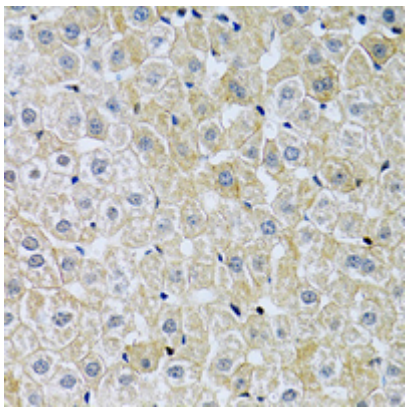


Western blot analysis of NBC4 expression in LO2 (A), SW480 (B), mouse kidney (C) whole cell lysates. (Predicted band size: 107-126 kD; Observed band size: 126 kD)



Immunohistochemical analysis of NBC4 staining in rat liver 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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