For research purposes only, not for human use

Product Data Sheet

Anti-GNE Antibody

Catalog #	Source	Reactivity	Applications
CQA3518	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to GNE
Immunogen	Recombinant full length protein of human GNE
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GNE 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	GNE
Alternative Names	GLCNE; Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase; UDP-GlcNAc-2-epimerase/ManAc kinase
Entrez Gene	10020 (Human); 50798 (Mouse); 114711 (Rat)
SwissProt	Q9Y223 (Human); Q91WG8 (Mouse); O35826 (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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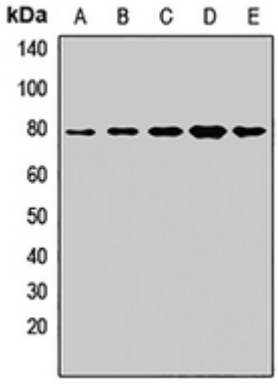
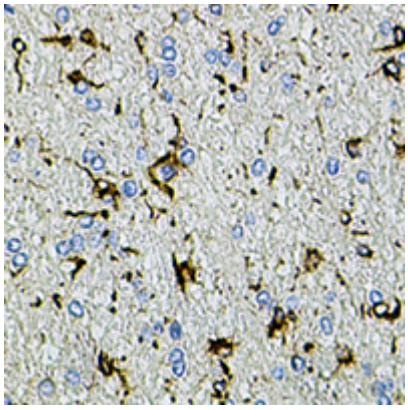


Western blot analysis of GNE expression in A549 (A), Jurkat (B), mouse liver (C), mouse lung (D), rat liver (E) whole cell lysates. (Predicted band size: 66; 71; 78; 79; 83 kD; Observed band size: 80 kD)



Immunohistochemical analysis of GNE staining in human brain 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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