For research purposes only, not for human use

Product Data Sheet

Anti-GNAT3 Antibody

Catalog #	Source	Reactivity	Applications
CQA4574	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to GNAT3
Immunogen	Recombinant fusion protein of human GNAT3. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GNAT3 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), IF/IC (1/50 - 1/200)
Gene Symbol	GNAT3
Alternative Names	Guanine nucleotide-binding protein G(t) subunit alpha-3; Gustducin alpha-3 chain
Entrez Gene	346562 (Human); 242851 (Mouse); 286924 (Rat)
SwissProt	A8MTJ3 (Human); Q3V3I2 (Mouse); P29348 (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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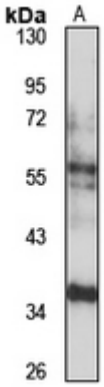
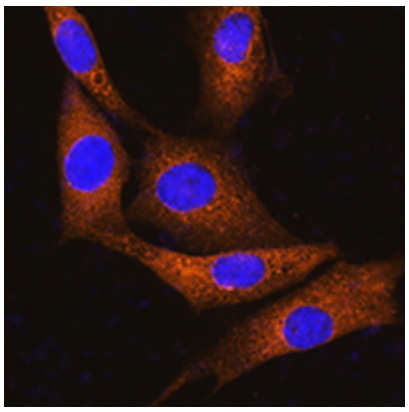


Western blot analysis of GNAT3 expression in A549 (A) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 37 kD)



Immunofluorescent analysis of GNAT3 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ° C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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