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Product Data Sheet

Anti-GNB2 Antibody

Catalog #	Source	Reactivity	Applications
CQA8009	Rabbit	H, M, R	WB, IH, IP

Description	Rabbit monoclonal antibody to GNB2
Immunogen	A synthetic peptide of human GNB2
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GNB2 protein.
Clonality	Monoclonal
Conjugation	
Form	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100), IP (1/10 - 1/50)
Gene Symbol	GNB2
Alternative Names	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2; G protein subunit beta-2; Transducin beta chain 2
Entrez Gene	2783 (Human); 14693 (Mouse); 81667 (Rat)
SwissProt	P62879 (Human); P62880 (Mouse); P54313 (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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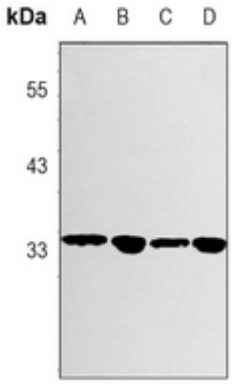
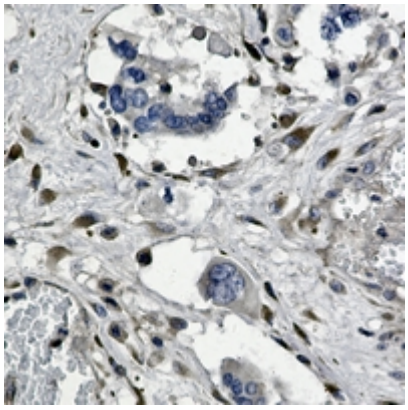


Western blot analysis of GNB2 expression in rat brain (A), C6 (B), NIH3T3 (C), Hela (D) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 34 kD)



Immunohistochemical analysis of GNB2 staining in human cholangiocarcinoma 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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