For research purposes only, not for human use

Product Data Sheet

Anti-Lunatic Fringe Antibody

Catalog #	Source	Reactivity	Applications
CQA4936	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to Lunatic Fringe
Immunogen	Recombinant fusion protein of human Lunatic Fringe. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Lunatic Fringe 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	LFNG
Alternative Names	Beta-1 3-N-acetylglucosaminyltransferase lunatic fringe; O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase
Entrez Gene	3955 (Human); 16848 (Mouse); 170905 (Rat)
SwissProt	Q8NES3 (Human); O09010 (Mouse); Q924T4 (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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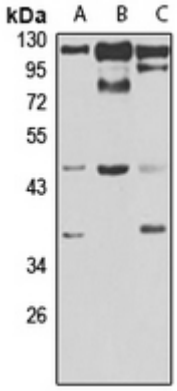
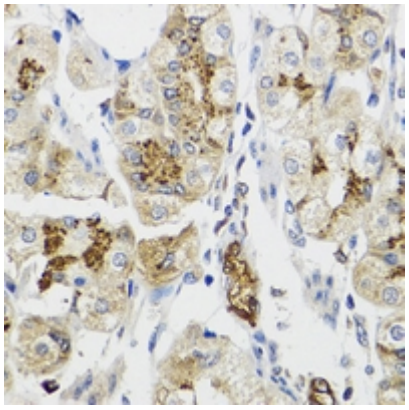


Western blot analysis of Lunatic Fringe expression in PC12 (A), HeLa (B), mouse lung (C) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 44 kD)



Immunohistochemical analysis of Lunatic Fringe staining in human stomach 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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