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Product Data Sheet

Anti-Histone H3 Antibody

Catalog #	Source	Reactivity	Applications
CQA2818	Rabbit	H, M, R	WB, IH, IF/IC, IP, ChIP

Description	Rabbit polyclonal antibody to Histone H3
Immunogen	KLH-conjugated synthetic peptide of human Histone H3
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Histone H3 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), IF/IC (1/50 - 1/200), IP (1/20 - 1/50), ChIP (1/20 - 1/50)
Gene Symbol	HIST3H3
Alternative Names	H3FT; Histone H3.1t; H3/t; H3t; H3/g
Entrez Gene	8290 (Human)
SwissProt	Q16695 (Human)
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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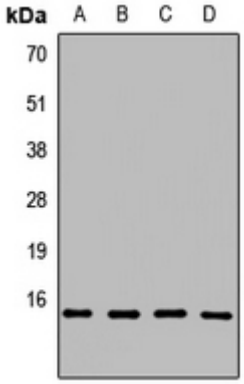
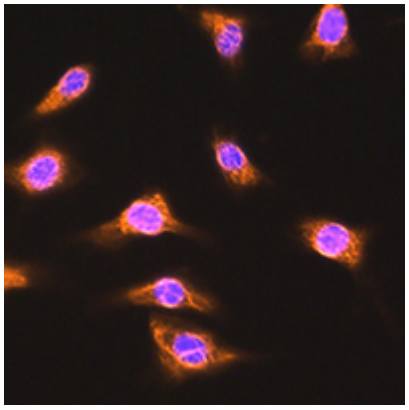


Western blot analysis of Histone H3 expression in A431 (A), Hela (B), mouse liver (C), rat kidney (D) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 17 kD)



Immunohistochemical analysis of Histone H3 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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