

Product Data Sheet

Anti-SETD2 Antibody

Catalog #	Source	Reactivity	Applications
CQA2894	Rabbit	H, M, R	WB, IF/IC, IP
Description	Rabbit polyclonal antibody to SETD2		
Immunogen	Recombinant full length protein of human SETD2		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of SETD2 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), IP (1/50 - 1/100)		
Gene Symbol	SETD2		
Alternative Names	HIF1; HYPB; KIAA1732; KMT3A; SET2; Histone-lysine N-methyltransferase SETD2; HIF-1; Huntingtin yeast partner B; Huntingtin-interacting protein 1; HIP-1; Huntingtin-interacting protein B; Lysine N-methyltransferase 3A; SET domain-containing protein 2; hSET		
Entrez Gene	29072 (Human); 235626 (Mouse)		
SwissProt	Q9BYW2 (Human); E9Q5F9 (Mouse)		
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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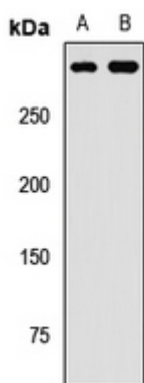
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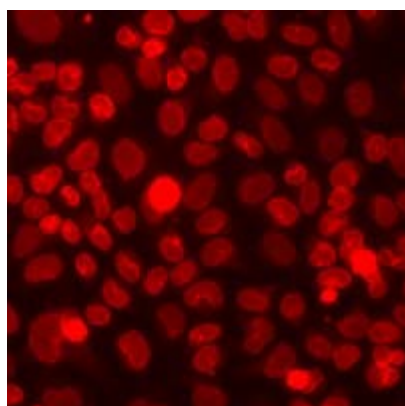
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Western blot analysis of SETD2 expression in mouse brain (A), mouse lung (B) whole cell lysates.



Immunofluorescent analysis of SETD2 staining in A549 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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