

Product Data Sheet

Anti-NT5C1A Antibody

Catalog #	Source	Reactivity	Applications
CPA4928	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to NT5C1A		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NT5C1A. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of NT5C1A protein.		
Clonality	Polyclonal		
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 - 1/1000), IF/IC (1/100 - 1/500)		
Gene Symbol	NT5C1A		
Alternative Names	Cytosolic 5'-nucleotidase 1A; cN1A; Cytosolic 5'-nucleotidase IA; cN-I; cN-IA		
Entrez Gene	84618 (Human); 230718 (Mouse)		
SwissProt	Q9BXI3 (Human); A3KFX0 (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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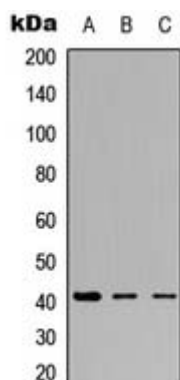
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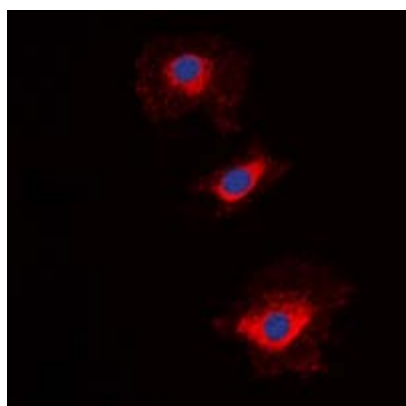
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Western blot analysis of NT5C1A expression in HepG2 (A), mouse brain (B), rat muscle (C) whole cell lysates.



Immunofluorescent analysis of NT5C1A staining in HepG2 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. DAPI was used to stain the cell nuclei (blue).

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