For research purposes only, not for human use

Product Data Sheet

Anti-Nicastrin Antibody

Catalog #	Source	Reactivity	Applications
CQA5195	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to Nicastrin
Immunogen	Recombinant fusion protein of human Nicastrin. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Nicastrin 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)
Gene Symbol	NCSTN
Alternative Names	KIAA0253; Nicastrin
Entrez Gene	23385 (Human); 59287 (Mouse); 289231 (Rat)
SwissProt	Q92542 (Human); P57716 (Mouse); Q8CGU6 (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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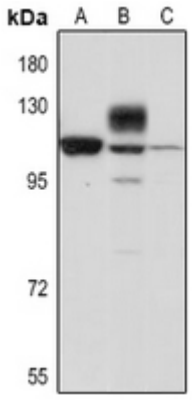
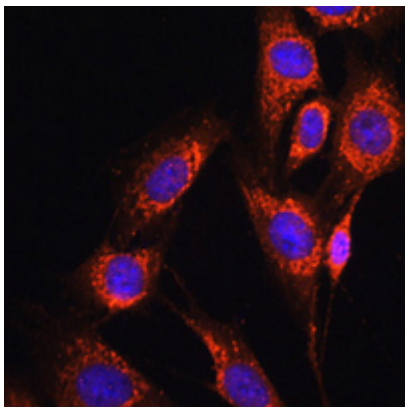


Western blot analysis of Nicastrin expression in C6 (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 76; 78 kD; Observed band size: 110; 120 kD)



Immunofluorescent analysis of Nicastrin staining in NIH3T3 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 AF594-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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