For research purposes only, not for human use

Product Data Sheet

Anti-Sec5 Antibody

Catalog #	Source	Reactivity	Applications
CQA1752	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to Sec5
Immunogen	Recombinant full length protein of human Sec5
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Sec5 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	EXOC2
Alternative Names	SEC5; SEC5L1; Exocyst complex component 2; Exocyst complex component Sec5
Entrez Gene	55770 (Human); 66482 (Mouse); 171455 (Rat)
SwissProt	Q96KP1 (Human); Q9D4H1 (Mouse); O54921 (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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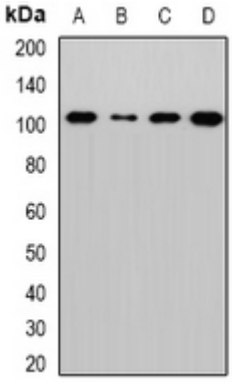
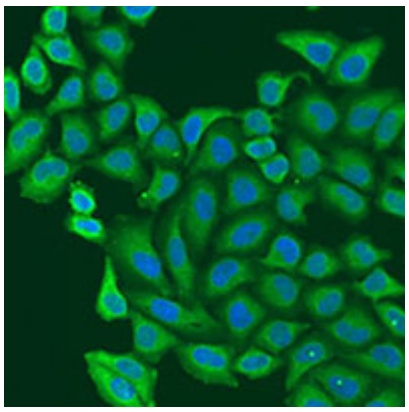


Western blot analysis of Sec5 expression in MCF7 (A), Hela (B), mouse lung (C), rat brain (D) whole cell lysates. (Predicted band size: 104 kD; Observed band size: 108 kD)



Immunofluorescent analysis of Sec5 staining in U2OS 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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