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Product Data Sheet

Recombinant Anti-SEC61A2 Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA4200	Rabbit	H, M, R	WB, IF/IC

Description	Recombinant rabbit monoclonal antibody to SEC61A2
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human SEC61A2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of SEC61A2 protein
Clonality	Monoclonal
Conjugation	
Form	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IF/IC (1/50 - 1/200)
Gene Symbol	SEC61A2
Alternative Names	Protein transport protein Sec61 subunit alpha isoform 2; Sec61 alpha-2
Entrez Gene	55176 (Human); 57743 (Mouse)
SwissProt	Q9H9S3 (Human); Q9JLR1 (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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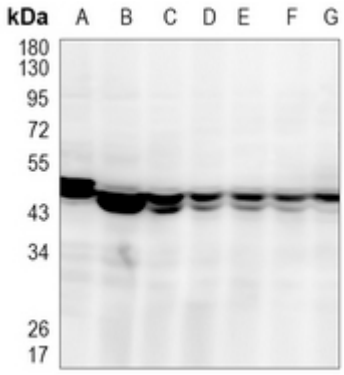
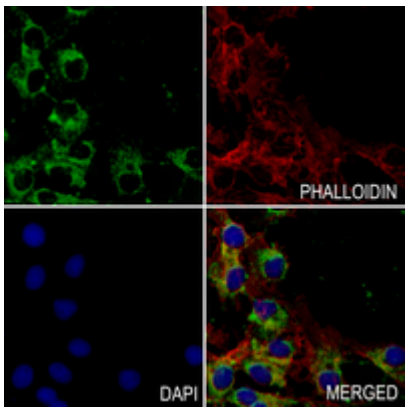


Western blot analysis of SEC61A2 expression in HEK293T (A), A549 (B), THP1 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 48 kD)



Immunofluorescent analysis of SEC61A2 staining in COS7 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 an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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