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Product Data Sheet

Anti-SMARCAD1 Antibody

Catalog #	Source	Reactivity	Applications
CQA2241	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to SMARCAD1
Immunogen	Recombinant full length protein of human SMARCAD1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of SMARCAD1 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 - 1/1000), IF/IC (1/50 - 1/200)
Gene Symbol	SMARCAD1
Alternative Names	KIAA1122; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1; ATP-dependent helicase 1; hHEL1
Entrez Gene	56916 (Human); 13990 (Mouse); 312398 (Rat)
SwissProt	Q9H4L7 (Human); Q04692 (Mouse); D3Z9Z9 (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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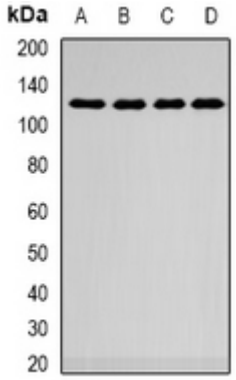
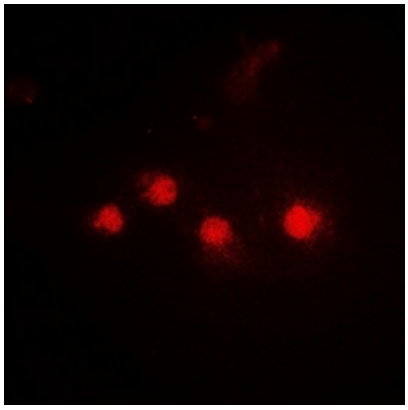


Western blot analysis of SMARCAD1 expression in A549 (A), HepG2 (B), mouse kidney (C), mouse lung (D) whole cell lysates. (Predicted band size: 68; 117 kD; Observed band size: 120 kD)



Immunofluorescent analysis of SMARCAD1 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.

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