

Product Data Sheet

Anti-LKB1 (pS428) Antibody

Catalog #	Source	Reactivity	Applications
CPA2122	Rabbit	H, M, R, Mk	WB
Description	Rabbit polyclonal antibody to LKB1 (pS428)		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human LKB1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of LKB1 (pS428) 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)		
Gene Symbol	STK11		
Alternative Names	LKB1; PJS; Serine/threonine-protein kinase STK11; Liver kinase B1; LKB1; hLKB1; Renal carcinoma antigen NY-REN-19		
Entrez Gene	6794 (Human); 20869 (Mouse)		
SwissProt	Q15831 (Human); Q9WTK7 (Mouse); D4AE59 (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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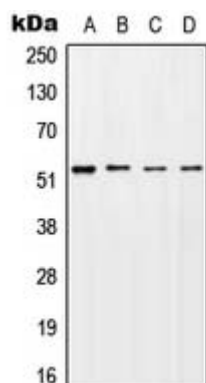
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Western blot analysis of LKB1 (pS428) expression in HeLa UV-treated (A), NIH3T3 UV-treated (B), mouse brain (C), PC12 UV-treated (D) whole cell lysates.

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