

Product Data Sheet

Anti-Ephrin B3 Antibody

Catalog #	Source	Reactivity	Applications
CPA1370	Rabbit	H, M, R, B, D, P, Rb	WB, IF/IC
Description	Rabbit polyclonal antibody to Ephrin B3		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Ephrin B3. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Ephrin B3 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), IF/IC (1/100 - 1/500)		
Gene Symbol	EFNB3		
Alternative Names	EPLG8; LERK8; Ephrin-B3; EPH-related receptor transmembrane ligand ELK-L3; EPH-related receptor tyrosine kinase ligand 8; LERK-8		
Entrez Gene	1949 (Human); 13643 (Mouse)		
SwissProt	Q15768 (Human); O35393 (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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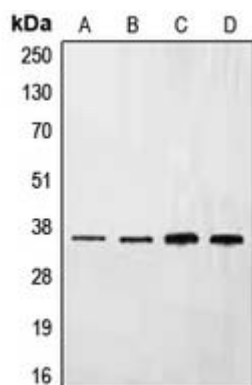
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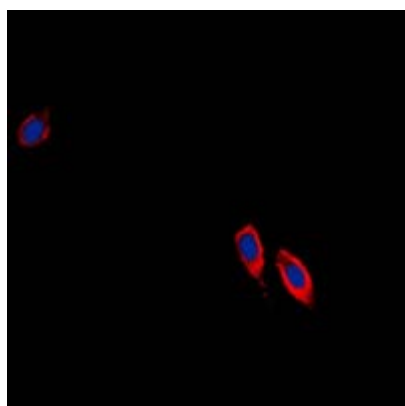
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Western blot analysis of Ephrin B3 expression in HepG2 (A), NIH3T3 (B), mouse liver (C), rat liver (D) whole cell lysates.



Immunofluorescent analysis of Ephrin B3 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 DyLight 594-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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