

Product Data Sheet

Anti-HAND2 Antibody

Catalog #	Source	Reactivity	Applications
CQA3262	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to HAND2		
Immunogen	Recombinant full length protein of human HAND2		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of HAND2 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	HAND2		
Alternative Names	BHLHA26; DHAND; Heart- and neural crest derivatives-expressed protein 2; Class A basic helix-loop-helix protein 26; bHLHa26; Deciduum, heart, autonomic nervous system and neural crest derivatives-expressed protein 2; dHAND		
Entrez Gene	9464 (Human); 15111 (Mouse); 64637 (Rat)		
SwissProt	P61296 (Human); Q61039 (Mouse); P61295 (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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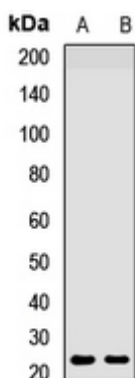
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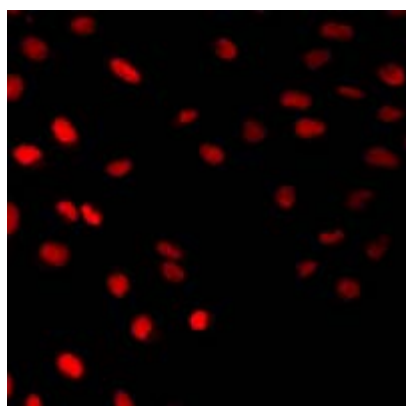
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Western blot analysis of HAND2 expression in mouse liver (A), mouse heart (B) whole cell lysates.



Immunofluorescent analysis of HAND2 staining in A549 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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