

EVC1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54444

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P57679
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111990

Additional Information

Gene ID	2121
Other Names	Ellis-van Creveld syndrome protein, DWF-1, EVC
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	EVC
Function	Component of the EvC complex that positively regulates ciliary Hedgehog (Hh) signaling. Involved in endochondral growth and skeletal development.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P57680}; Single-pass membrane protein {ECO:0000250 UniProtKB:P57680}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250 UniProtKB:P57680}. Cell projection, cilium {ECO:0000250 UniProtKB:P57680}. Cell projection, cilium membrane {ECO:0000250 UniProtKB:P57680}. Note=EVC2 is required for the localization of EVC at the base of primary cilia. The EvC complex localizes at the base of cilia in the EvC zone of primary cilia in a EFCAB7-dependent manner. {ECO:0000250 UniProtKB:P57680}
Tissue Location	Found in the developing vertebral bodies, ribs, upper and lower limbs, heart, kidney, lung