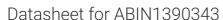
# antibodies -online.com





## anti-EVC antibody (AA 251-350) (Alexa Fluor 555)

Sections) (IF (p))



Overview	
Quantity:	100 μL
Target:	EVC
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EVC antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human EVC1	
Isotype:	IgG	
Predicted Reactivity:	Human	
Purification:	Purified by Protein A.	

#### **Target Details**

Target:	EVC	
Alternative Name:	EVC1 (EVC Products)	
Background:	Synonyms: Ellis van Creveld syndrome DWF 1, DWF1, Ellis van Creveld syndrome protein, Ellis-	

van Creveld syndrome, EVC, EVC1, EVC 1, EVC-1, EVCL, MGC105107, EVC\_HUMAN.

Background: EVC is an autosomal skeletal dysplasia caused by mutations in the EVC and EVC2 genes. Found in developing ribs, heart, kidney and lung, the EVC gene is responsible for normal development of the face, limbs, teeth and nails. The protein expressed by the EVC gene is an intracellular component of the hedgehog signal pathway that contains a leucine zipper and transmembrane domain. Defects in the EVC gene can lead to short-limb dwarfism, ectodermal dysplasia and cardiac anomalies such as irregular atrioventricular septum development.

Additionally, the EVC gene has been implicated in Weyers acrodental dysostosis, an autosomal dominant disease characterized by facial abnormalities and limb defects.

Pathways:

**Hedgehog Signaling** 

### **Application Details**

Application Notes:	IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200 IF(ICC) 1:50-200

Restrictions:

For Research Use only

#### Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	