

EVER2 Polyclonal Antibody

Catalog Number OST00151W

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	1:300-1:2,000
Type	Antibody	Western Blot (WB)	1:300-1:2,000
Immunogen	A synthetic peptide from the 1t cytoplasmic loop of human transmembrane channel-like protein 8.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Lyophilized		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Glycerol (1:1) may be added for additional stability.

Background/Target Information

Epidermodysplasia verruciformis (EV) is an autosomal recessive genodermatosis associated with a high risk of skin cancers resulting from a high susceptibility to infection by specific human papillomaviruses. Mutations in two homologous genes EVER1 and EVER2 cause the majority of EV cases. These two proteins form a complex and interact with the zinc transporter ZnT-1 in the endoplasmic reticulum. Cells lacking EVER2 accumulated higher levels of zinc in the nucleolus and nucleus compare to those cells with and intact EVER2 gene, indicating that one role of EVER2 is to regulate the intracellular distribution of zinc.

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