

TCF19 Polyclonal Antibody

Catalog NumberPA5-18190

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution *1-2 µg/mL
Type	Antibody	* 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.	
Immunogen	Synthetic peptide sequence (RSTAKAPSDTPAHE) corresponding to the C-terminus amino acids of TCF19		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is tested in Peptide ELISA: antibody detection limit dilution 32,000.

Background/Target Information

TCF-19 (transcription factor 19), also known as SC1 or SC1-1, is a 345 amino acid protein that contains one FHA domain, a proline-rich domain and one PHD-type zinc finger. Localizing to the nucleus, TCF-19 is a growth regulated protein that is believed to function as a trans-activating factor with a role in the transcription of genes involved in the late stages of cell cycle progression (G1 to S transition or entry of cells into G2 and mitosis). TCF-19 is expressed preferentially in the G1-S phase of the cell cycle. The gene encoding TCF-19 localizes to a critical region on chromosome 6 that has been associated with psoriasis vulgaris, a disorder of the skin that is characterized by hyperproliferation of epidermal cells. This suggests that TCF-19, via its regulation of late cell cycle-specific genes, may play a role in the development of this disorder.

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Product Images For TCF19 Polyclonal Antibody



TCF19 Antibody (PA5-18190) in WB
Western blot analysis of TCF19 using TCF19 Polyclonal Antibody (Product # PA5-18190) (1.5 µg/mL) in staining of 293 lysate (RIPA buffer, 30 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

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