

ETV5 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 194 and 394 of Human ERM
Form	Liquid
Concentration	0.48 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2547497

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:10,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
ChIP assay (ChIP)	2.5 µg/10 ⁶ cells	-

Product Specific Information

Recommended positive controls: ERM-transfected 293T.

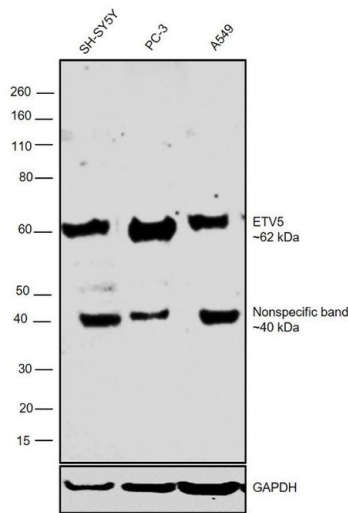
Predicted reactivity: Mouse (98%), Rat (95%), Pig (98%), Chicken (88%), Bovine (98%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For ETV5 Polyclonal Antibody

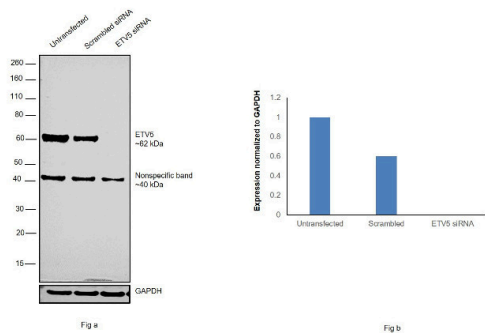
ETV5 Antibody (PA5-30023) in WB

Western blot was performed using Anti-ETV5 Polyclonal Antibody (Product # PA5-30023) and a 62kDa band corresponding to ETV5 was observed across cell lines tested. An uncharacterized band was observed at 40kDa in the samples. Whole cell extracts (30 µg lysate) of SH-SY5Y (Lane 1), PC-3 (Lane 2) and A549 (Lane 3) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:2000 dilution) and detected by chemiluminescence Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005)..



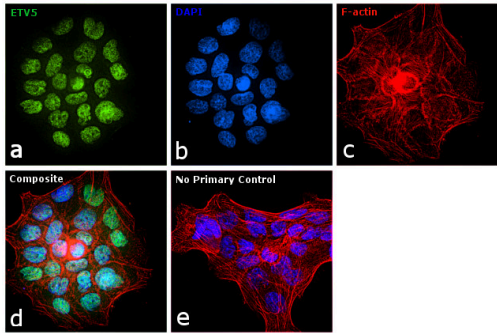
ETV5 Antibody (PA5-30023)

Antibody specificity was demonstrated by siRNA mediated KD of target protein. PC-3 cells were transfected with ETV5 siRNA and reduction of signal was observed in Western Blot using ETV5 Polyclonal Antibody (Product # PA5-30023). {KD}



ETV5 Antibody (PA5-30023) in ICC/IF

Immunofluorescence analysis of ETV5 was performed using 70% confluent log phase A-431 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with ETV5 Polyclonal Antibody (Product # PA5-30023) at 1:100 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification. .



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Immunohistochemistry (1)

Diabetes	Year 2021
ETV5 Regulates Hepatic Fatty Acid Metabolism Through PPAR Signaling Pathway.	Species Mouse
"PA5-30023 was used in Immunohistochemistry to show that ETV5 could bind to the PPAR response element region of downstream genes and enhance its transactivity."	
Authors: Mao Z,Feng M,Li Z,Zhou M,Xu L,Pan K,Wang S,Su W,Zhang W	

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