

AS160 Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (DDPEKIEERKKSK) corresponding to the internal amino acids of TBC1D4
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
RRID	AB_10984922

Applications

Tested Dilution

Publications

Western Blot (WB)	0.1-0.3 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	3-5 µg/mL	-

Product Specific Information

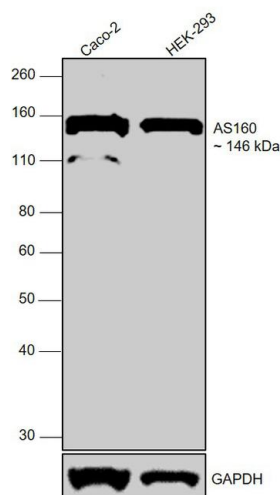
This antibody is predicted to react with canine based on sequence homology.

This antibody is tested in Peptide ELISA: antibody detection limit dilution 128,000.

Product Images For AS160 Polyclonal Antibody

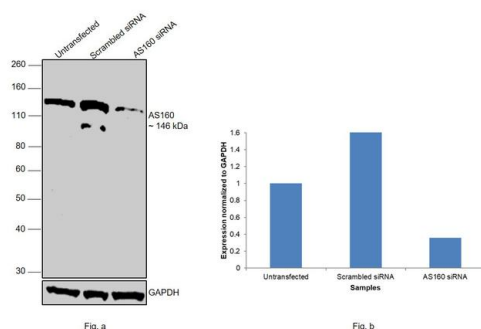
AS160 Antibody (PA5-18644) in WB

Western blot was performed using Anti-AS160 Polyclonal Antibody (Product # PA5-18644) and a 146 kDa band corresponding to AS160 was observed in cell lines tested. Whole cell extracts (40 µg lysate) of Caco-2 (Lane 1) and HEK-293 (Lane 2) were electrophoresed using Novex® 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 (0.2 µg/mL) and detected by chemiluminescence with Rabbit anti-Goat IgG Heavy Chain Superclonal™ Secondary Antibody, HRP (Product # A27014, 1:4000 dilution), using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



AS160 Antibody (PA5-18644) in WB

Knockdown of AS160 was achieved by transfecting Caco-2 with AS160 specific siRNAs (Silencer® select Product # s19140, s19141). Western blot analysis (Fig. a) was performed using whole cell extracts (40 µg lysate) from AS160 knockdown cells (Lane 3), non-specific scrambled siRNA transfected cells (Lane 2) and untransfected cells (Lane 1). The blot was probed with AS160 Polyclonal Antibody (Product # PA5-18644, 1:1000 dilution) and Rabbit anti-Goat IgG Heavy Chain Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27014, 1:4000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to AS160.



AS160 Antibody (PA5-18644) in WB

Western blot analysis of AS160 using AS160 Polyclonal Antibody (Product # PA5-18644) (0.1 µg/mL) in staining of Daudi cell lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

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