

A2M Polyclonal Antibody

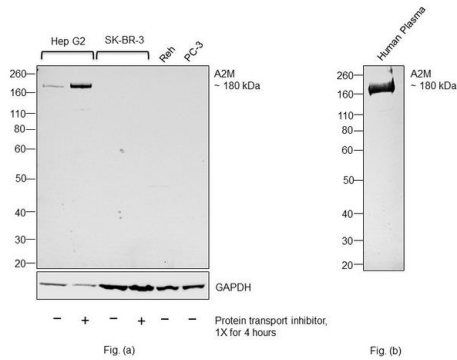
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to residues in Human A2M.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2803631

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-

Product Images For A2M Polyclonal Antibody

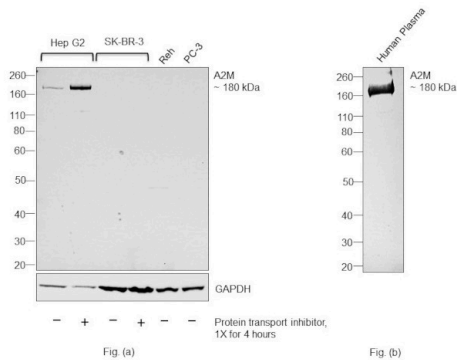
A2M Antibody (PA5-86872) in WB

Western blot was performed using Anti-A2M Polyclonal Antibody (Product # PA5-86872) and a 180 kDa band corresponding to Alpha-2-macroglobulin was observed across tested samples. Whole cell extracts (Fig. a) (40 µg lysate) of Hep G2 (Lane 1), Hep G2 treated with Protein transport inhibitor (1X for 4 hours) (Lane 2), SK-BR-3 (Lane 3), SK-BR-3 treated with Protein transport inhibitor (1X for 4 hours) (Lane 4), Reh (Lane 5), PC-3 (Lane 6), Human Plasma (Fig. b) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). 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 (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:20000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



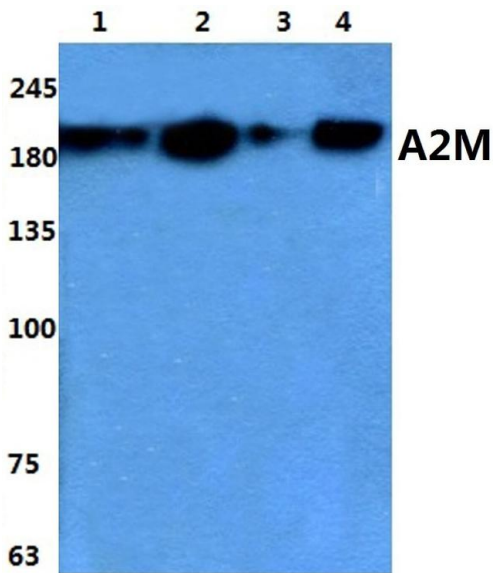
A2M Antibody (PA5-86872)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Relative expression of Alpha-2-macroglobulin was observed in HepG2 compared to SK-BR-3 subjected to same treatment using Anti-A2M Polyclonal Antibody (Product # PA5-86872) in Western Blot. {RE}



A2M Antibody (PA5-86872) in WB

Western blot analysis of A2M in Lane 1: HEK293T whole cell lysate, Lane 2: Raw264.7 whole cell lysate, Lane 3: NIH-3T3 whole cell lysate, Lane 4: PC12 whole cell lysate. Sample was incubated with A2M polyclonal antibody (Product # PA5-86872) using a 1:500 dilution.



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