

BAP1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived human BAP1 recombinant protein (Position: M1-E278).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2745972

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-

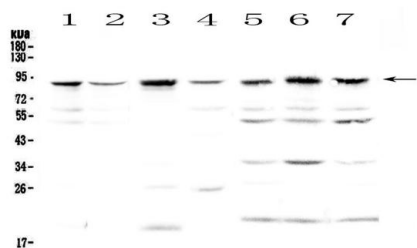
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For BAP1 Polyclonal Antibody

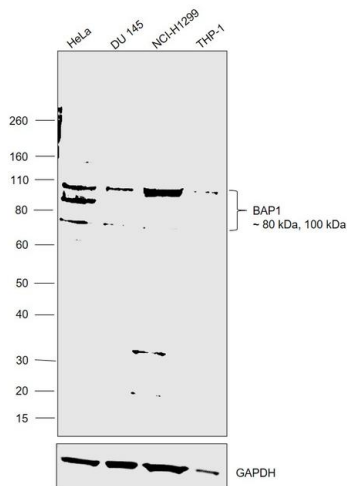
BAP1 Antibody (PA5-78856) in WB

Western blot analysis of BAP1 in Lane 1: human HeLa whole cell lysate, Lane 2: human HepG2 whole cell lysate, Lane 3: human 22RV1 whole cell lysate, Lane 4: human MCF-7 whole cell lysate, Lane 5: rat thymus tissue lysate, Lane 6: rat kidney tissue lysate, Lane 7: mouse kidney tissue lysate using 50 µg (reducing conditions) per well. Electrophoresis was performed on 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours and protein was transferred to a nitrocellulose membrane at 150mA for 50-90 minutes. Sample was blocked with 5% Non-fat Milk/TBS for 1.5 hours at room temperature, incubated with BAP1 polyclonal antibody (Product # PA5-78856) at a dilution of 0.5 µg/mL (overnight at 4°C), followed by goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10,000. Signal development was performed using a chemiluminescence (ECL) kit.



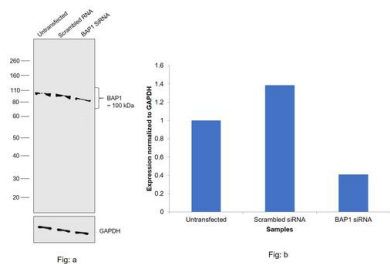
BAP1 Antibody (PA5-78856) in WB

Western Blot was performed using Anti-BAP1 Polyclonal Antibody (Product # PA5-78856) and a 80 kDa and 100 kDa band corresponding to Ubiquitin carboxyl-terminal hydrolase BAP1 was observed across cell lines. Whole cell extracts (40 µg lysate) of HeLa (Lane 1), DU 145 (Lane 2), NCI-H1299 (Lane 3), and THP-1 (Lane 4) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2002) by iBlot® 2 Dry Blotting System (Product # IB21001). The Blot was probed with the primary antibody (1:2000) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:20000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Atto Ultimate Sensitivity Substrate (Product # A38556).



BAP1 Antibody (PA5-78856) in WB

Knockdown of Ubiquitin carboxyl-terminal hydrolase BAP1 was achieved by transfecting THP-1 cells with Ubiquitin carboxyl-terminal hydrolase BAP1 specific siRNAs (Silencer® select Product # S15820, S15822). Western Blot analysis (Fig. a) was performed using Whole cell extracts from the Ubiquitin carboxyl-terminal hydrolase BAP1 knockdown cells (lane 3), non-targeting scrambled siRNA transfected cells (lane 2) and untransfected cells (lane 1). The Blot was probed with BAP1 Polyclonal Antibody (Product # PA5-78856, 1:2000) and Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:20000). 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 Ubiquitin carboxyl-terminal hydrolase BAP1.



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