

APRT Polyclonal Antibody

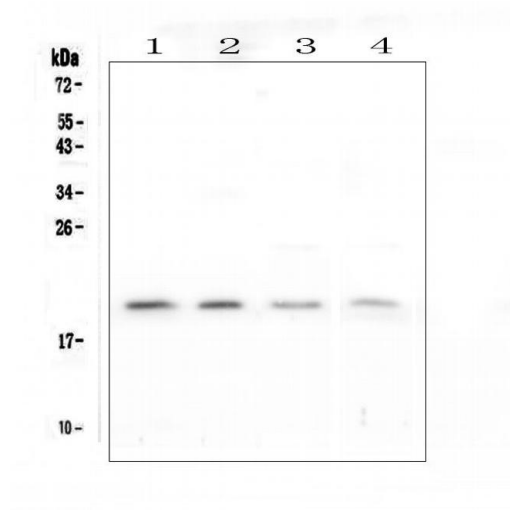
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence of mouse APRT (RAEVVECVSLVELTSLKGRERL).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2807415

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-

Product Specific Information

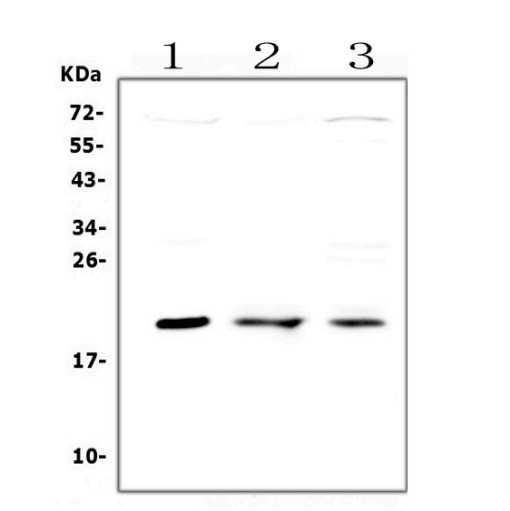
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For APRT Polyclonal Antibody



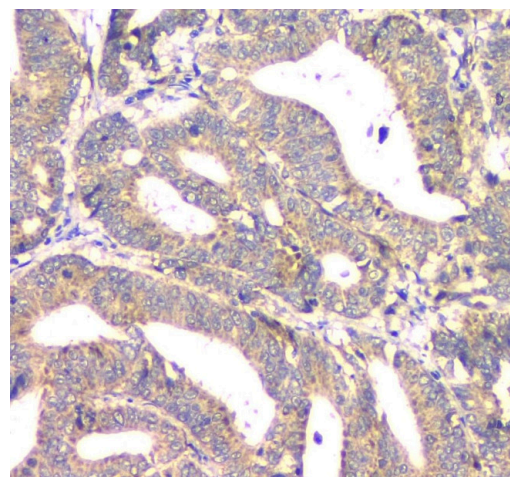
APRT Antibody (PA5-95613) in WB

Western blot analysis of APRT in Lane 1: human T-47D whole cell lysates, Lane 2: human HEK293 whole cell lysates, Lane 3: human K562 whole cell lysates, Lane 4: human Caco-2 whole cell lysates. Electrophoresis was performed with 5-20% SDS-PAGE gel (70V, Stacking gel; 90V Resolving gel, Time: 2-3 hours), transferred to a nitrocellulose membrane and blocked using 5% Non-fat Milk/TBS (1.5 hrs at room temperature). Samples were incubated with APRT polyclonal antibody (Product # PA5-95613) using a 0.5 µg/mL dilution, followed by a goat anti-rabbit IgG-HRP at a dilution of 1:10,000, and developed with enhanced chemiluminescence (ECL).



APRT Antibody (PA5-95613) in WB

Western blot analysis of APRT in, Lane 1: mouse RAW246.7 whole cell lysates, Lane 2: rat spleen tissue lysates, Lane 3: rat liver tissue lysates, . Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. The membrane was blocked with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with APRT Polyclonal Antibody (Product # PA5-95613) at 0.5 g/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for APRT at approximately 20KD. The expected band size for APRT is at 20KD.



APRT Antibody (PA5-95613) in IHC (P)

Immunohistochemistry analysis of APRT in paraffin-embedded human intestinal cancer tissue. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with APRT polyclonal antibody (Product # PA5-95613) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Streptavidin-Biotin-Complex and DAB.

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