

HPRT1 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 HPRT recombinant protein (Position: A2-S110). |
| Form | Lyophilized |
| Concentration | 500 µg/mL |
| Purification | Affinity chromatography |
| Storage buffer | PBS with 5mg BSA |
| 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_2807184 |

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

Product Specific Information

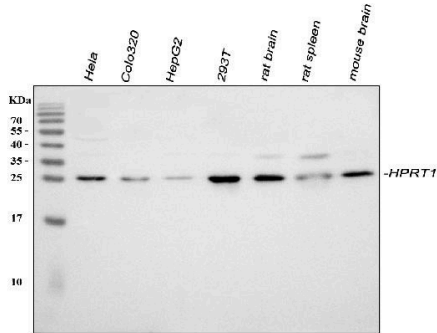
Human HPRT shares 98.1% and 96.3% amino acid (aa) sequence identity with mouse and rat HPRT, respectively.

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

Product Images For HPRT1 Polyclonal Antibody

HPRT1 Antibody (PA5-95381) in WB

Western blot analysis of HPRT/HPRT1 in, Lane 1: human Hela whole cell lysates, Lane 2: human Colo320 whole cell lysates, Lane 3: human HepG2 whole cell lysates, Lane 4: human 293T whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat spleen tissue lysates, Lane 7: mouse brain 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 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA 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 HPRT1 Polyclonal Antibody (Product # PA5-95381) 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 1:5,000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for HPRT/HPRT1 at approximately 25 kDa. The expected band size for HPRT/HPRT1 is at 25 kDa.



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