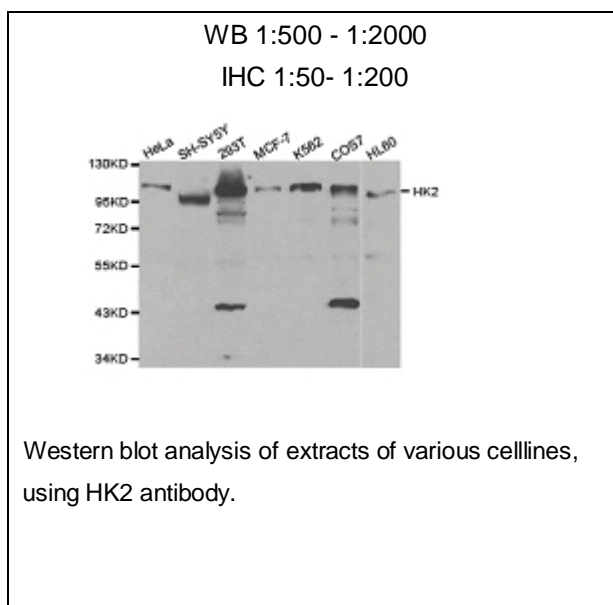




HK2 Polyclonal Antibody

E90994

- Catalog Number:** E90994
Amount: 100ul
Background: Hexokinase catalyzes the conversion of glucose to glucose-6-phosphate, the first step in glycolysis. Four distinct mammalian hexokinase isoforms, designated as hexokinase I, II, III, and IV (glucokinase), have been identified. Hexokinases I, II, and III are associated with the outer mitochondrial membrane and are critical for maintaining an elevated rate of aerobic glycolysis in cancer cells (Warburg Effect) (1) in order to compensate for the increased energy demands associated with rapid cell growth and proliferation (2,3).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: HK2;DKFZp686M1669;HKII;HXK2 ;
Immunogen: Recombinant protein of human HK2
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 102kDa
Swiss-Prot No. : P52789
Gene ID: 3099
References: 1. Warburg, O. (1956) Science 123, 309-314. 2. Semenza, G.L. (2000) Crit. Rev. Biochem. Mol. Biol. 35, 71-103. 3. Smith, T.A. (2000) Br. J. Biomed. Sci. 57, 170-178.



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