

R1093**Polyclonal Antibody to Hexokinase-1 - Serum**

Alternate names:	HKA, HXK1, Hexokinase PI, Hexokinase-A
Quantity:	2 ml
Concentration:	80.0 mg/ml (by Refractometry)
Uniprot ID:	P04806
NCBI:	NP_116711.1
GeneID:	850614
Host:	Rabbit
Immunogen:	Hexokinase [Yeast].
Format:	State: Lyophilized purified Ig fraction. Purification: Prepared from monospecific antiserum by a delipidation and defibrination. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.01% (w/v) Sodium Azide as preservative. Reconstitution: Restore with 2.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoprecipitation and most immunological methods requiring high titer and specificity. Recommended Dilutions: This product has been assayed against 1.0 ug of Hexokinase [Yeast] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:40,000 of the reconstitution concentration is suggested for this product. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Hexokinase [Yeast]. Cross reactivity against Hexokinase from other tissues and species may occur but have not been specifically determined.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
Product Citations:	Purchased from Acris: <i>HRP conjugated antibody is cited in:</i> 1. Eliyahu E, Pnueli L, Melamed D, Scherrer T, Gerber AP, Pines O, et al. Tom20 mediates localization of mRNAs to mitochondria in a translation-dependent manner. Mol Cell Biol. 2010 Jan;30(1):284-94. doi: 10.1128/MCB.00651-09. Epub . PubMed

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