

Polyclonal Antibody to Hexokinase-1 - Ig Fraction

Alternate names:	Brain form hexokinase, HK1, Hexokinase type I
Catalog No.:	R1093P
Quantity:	50 mg
Concentration:	10.0 mg/ml (by UV absorbance at 280 nm)
Uniprot ID:	P04807
NCBI:	NP_011261.1
GeneID:	852639
Host:	Rabbit
Immunogen:	Hexokinase [Yeast]
Format:	State: Lyophilized purified Ig fraction. Purification: Multi-step process. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 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 (1/565,000), Conjugation and most immunological methods requiring high titer and specificity. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as 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.

