

Anti-HEXOKINASE (Yeast) (RABBIT) Antibody
Hexokinase Antibody
Catalog # ASR4592**Specification****Anti-HEXOKINASE (Yeast) (RABBIT) Antibody - Product Information**

Host	Rabbit
Conjugate	Unconjugated
Target Species	Yeast
Clonality	Polyclonal
Application	WB, IHC, E, I, LCI
Application Note	Anti-Hexokinase Antibody has been tested by western blotting and for ELISA and is suitable for IHC. Researchers should determine optimal titers for applications that are not stated below.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Anti-Hexokinase Antibody was produced by repeated immunizations with yeast hexokinase protein.
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Preservative	0.01% (w/v) Sodium Azide

Anti-HEXOKINASE (Yeast) (RABBIT) Antibody - Additional Information**Gene ID** 850614**Other Names**
852639**Purity**

Anti-Hexokinase 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 Condition

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-HEXOKINASE (Yeast) (RABBIT) Antibody - Protein Information

Name HXK1

Synonyms HKA

Function

Catalyzes the phosphorylation of hexose, such as D-glucose and D-fructose, to hexose 6-phosphate (D-glucose 6-phosphate and D- fructose 6-phosphate, respectively) (PubMed:332086). Mediates the initial step of glycolysis by catalyzing phosphorylation of D-glucose to D-glucose 6-phosphate (PubMed:332086).

Anti-HEXOKINASE (Yeast) (RABBIT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-HEXOKINASE (Yeast) (RABBIT) Antibody - Images

Anti-HEXOKINASE (Yeast) (RABBIT) Antibody - Background

Anti-Hexokinase antibody detects hexokinase. Hexokinase is an enzyme that phosphorylates hexoses (six-carbon sugars), forming hexose phosphate. In most organisms, glucose is the most important substrate of hexokinases, and glucose-6-phosphate the most important product. Anti-Hexokinase Antibody is ideal for investigators involved in Cell Signaling, Neuroscience and Signal Transduction research.