10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-Glycerate Kinase Antibody
Catalog # AP53912

Specification

Anti-Glycerate Kinase Antibody - Product Information

Application	**WB, IF, IHC**
Primary Accession	Q8IVS8
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**55253**

Anti-Glycerate Kinase Antibody - Additional Information

Gene ID 132158

Other Names
HBEBP4; Glycerate kinase; HBeAg-binding protein 4

Target/Specificity
Recognizes endogenous levels of Glycerate Kinase protein.

Dilution
WB~~1/500 - 1/1000
IF~~1/50 - 1/200
IHC~~1:100~500

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-Glycerate Kinase Antibody - Protein Information

Name GLYCTK

Synonyms HBEBP4

Cellular Location
[Isoform 1]: Cytoplasm

Tissue Location
Widely expressed..

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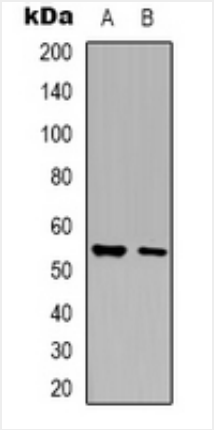
Anti-Glycerate Kinase Antibody - Protocols

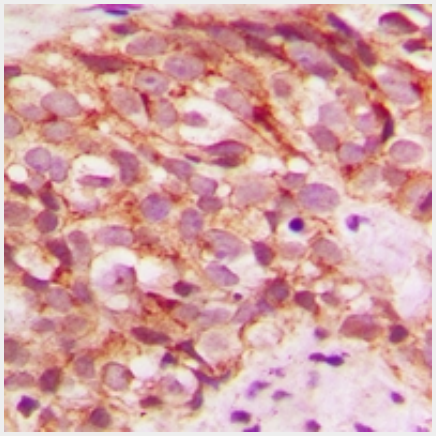
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Glycerate Kinase Antibody - Images



Western blot analysis of Glycerate Kinase expression in HepG2 (A), NIH3T3 (B) whole cell lysates.



Immunohistochemical analysis of Glycerate Kinase staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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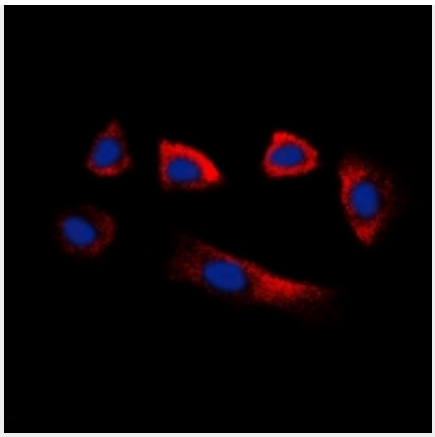

Immunofluorescent analysis of Glycerate Kinase staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Anti-Glycerate Kinase Antibody - Background

Rabbit polyclonal antibody to Glycerate Kinase