

Product datasheet for TA377094S

OriGene Technologies, Inc.

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Hexokinase Type III (HK3) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF/ICC,1:50 - 1:200

ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 99kDa

Gene Name: hexokinase 3

Database Link: Entrez Gene 3101 Human

P52790

Background: Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most

glucose metabolism pathways. This gene encodes hexokinase 3. Similar to hexokinases 1 and

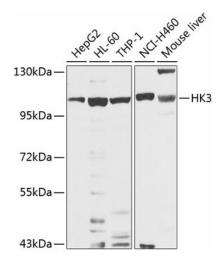
2, this allosteric enzyme is inhibited by its product glucose-6-phosphate.

Synonyms: HKIII; HXK3

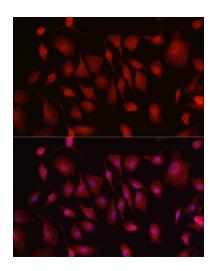




Product images:

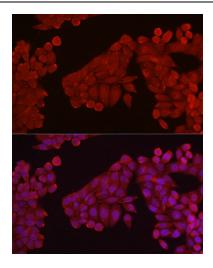


Western blot analysis of various lysates using HK3 Rabbit pAb ([TA377094]) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

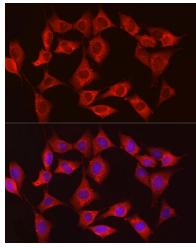


Immunofluorescence analysis of A-549 cells using HK3 Rabbit pAb ([TA377094]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

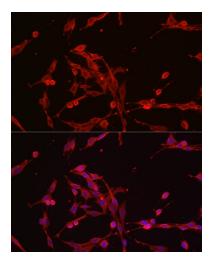




Immunofluorescence analysis of HeLa cells using HK3 Rabbit pAb ([TA377094]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using HK3 Rabbit pAb ([TA377094]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using HK3 Rabbit pAb ([TA377094]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.