

HK3 Rabbit pAb

Catalog No.: A8428

4 Publications

Basic Information

Observed MW

110kDa

Calculated MW

99kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

3101

Swiss Prot

P52790

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human HK3 (NP_002106.2).

Synonyms

HXK3; HKIII; HK3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

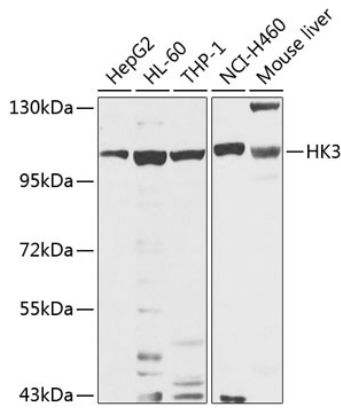
Affinity purification

Storage

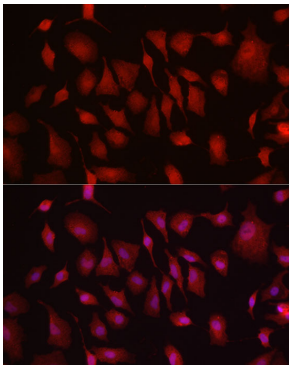
Store at -20°C. Avoid freeze / thaw cycles.

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

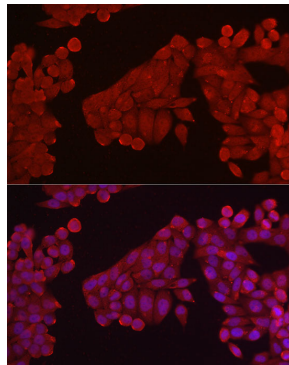
Validation Data



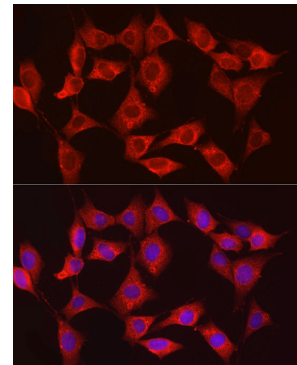
Western blot analysis of extracts of various cell lines, using HK3 antibody (A8428) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



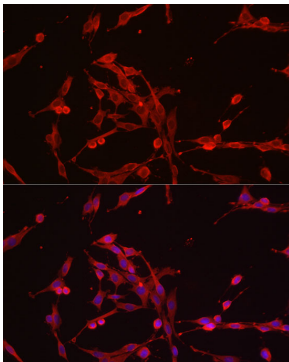
Immunofluorescence analysis of A-549 cells using HK3 Rabbit pAb (A8428) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using HK3 Rabbit pAb (A8428) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using HK3 Rabbit pAb (A8428) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using HK3 Rabbit pAb (A8428) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.