

Anti-HK2 antibody

Cat. No.	ml121853
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-HK2 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human HK2
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HK2
Full name	hexokinase 2
Synonyms	HKII; HXK2
Swissprot	P52789

Target Background

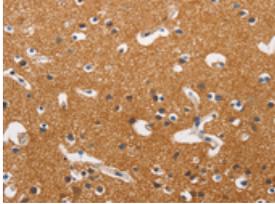
Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes hexokinase 2, the predominant form found in skeletal muscle. It localizes to the outer membrane of mitochondria. Expression of this gene is insulin-responsive, and studies in rat suggest that it is involved in the increased rate of glycolysis seen in rapidly growing cancer cells.

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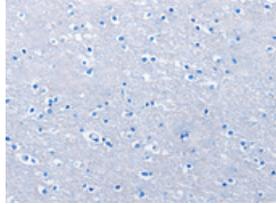
Applications

Immunohistochemistry

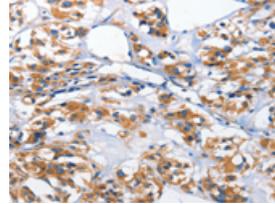
Predicted cell location: Cytoplasm
Positive control: Human brain
Recommended dilution: 50-200



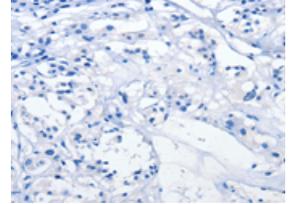
The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml121853(HK2 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)



Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml121853(HK2 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)



ELISA

Recommended dilution: 1000-5000

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