

## Product datasheet for **TA325029S**

### Hexokinase II (HK2) Rabbit Polyclonal Antibody

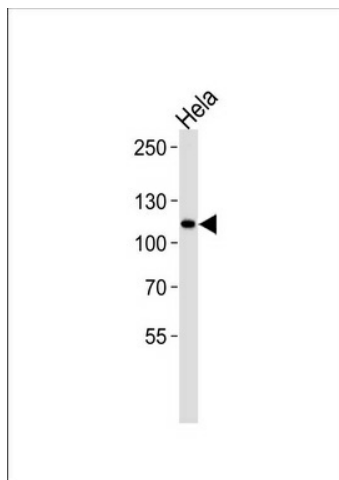
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:50~100
Reactivity:	Human (Predicted: Mouse, Rat, Pig)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This HK2 (Hexokinase II) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 91-121 amino acids from the N-terminal region of human HK2 (Hexokinase II).
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	102380 Da
Gene Name:	hexokinase 2
Database Link:	<a href="#">NP_000180</a> <a href="#">Entrez Gene 15277 Mouse</a> <a href="#">Entrez Gene 25059 Rat</a> <a href="#">Entrez Gene 3099 Human</a> <a href="#">P52789</a>
Synonyms:	HKII; HXK2
Protein Families:	Druggable Genome
Protein Pathways:	Amino sugar and nucleotide sugar metabolism, Fructose and mannose metabolism, Galactose metabolism, Glycolysis / Gluconeogenesis, Insulin signaling pathway, Metabolic pathways, Starch and sucrose metabolism, Type II diabetes mellitus

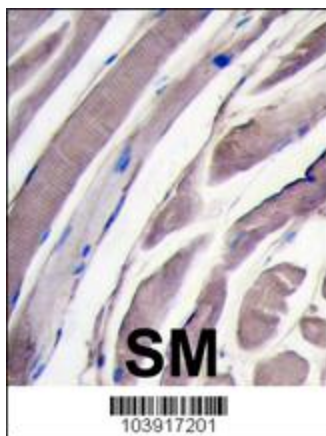


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## Product images:



HK2 Antibody (E106) (Cat. #[TA325029]) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the HK2 antibody detected the HK2 protein (arrow).



Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with HK2 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.