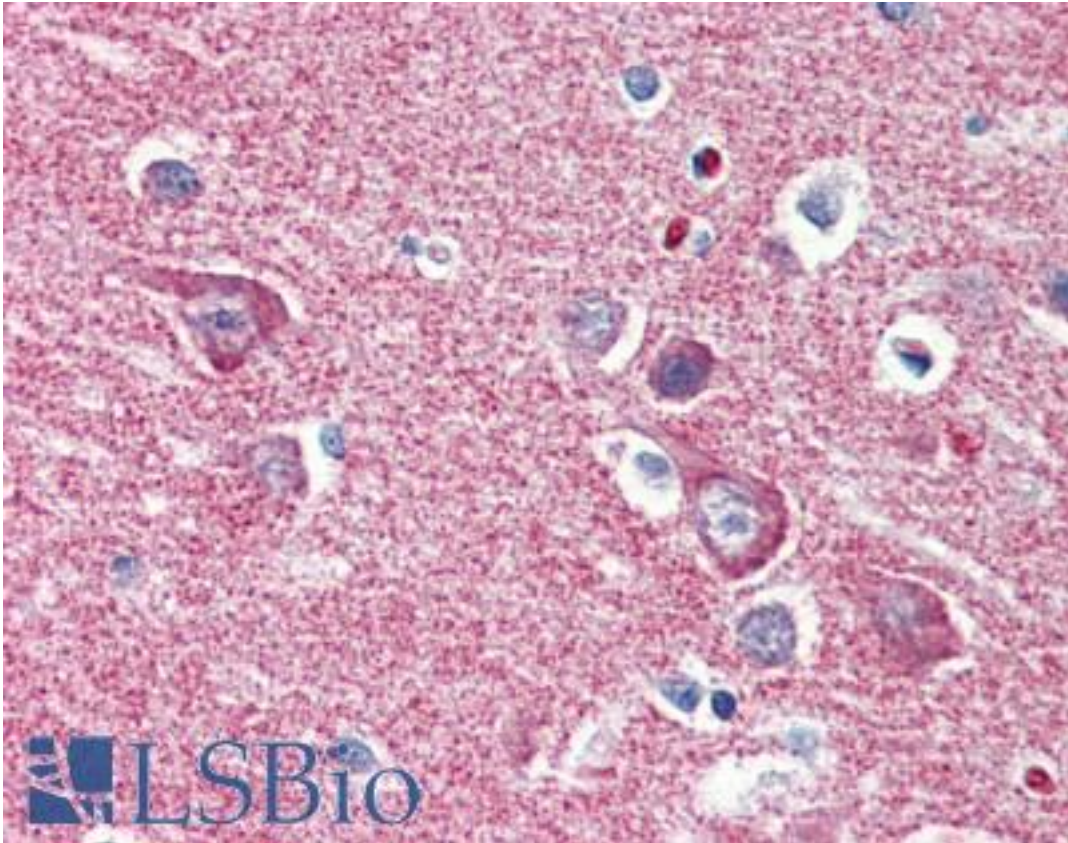


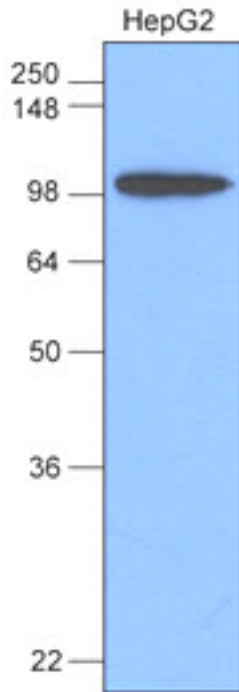
HK1 / Hexokinase 1 Mouse anti-Human Monoclonal (aa1-917) (4D7) Antibody - LS-B2939 - LSBio	
<b>CatalogID:</b>	LS-B2939
<b>Validation:</b>	This antibody replaces catalog number LS-C93740. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	hexokinase 1 (HK1)
<b>Synonyms:</b>	HK1 Antibody, Brain form hexokinase Antibody, Hexokinase 1 Antibody, Hexokinase type I Antibody, HK I Antibody, HK1-tb Antibody, HK1-tc Antibody, HKI Antibody, Hexokinase type 1 Antibody, HK1-ta Antibody, HXK1 Antibody, Glycolytic enzyme Antibody, Hexokinase-1 Antibody, Type 1 hexokinase Antibody, Type i hexokinase Antibody
<b>Family / Subfamily:</b>	Non-protein Kinase / Hexokinase
<b>Host</b>	HK1 antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	Ig2a,k
<b>Clone Name:</b>	4D7
<b>Immunogen Species:</b>	HK1 / Hexokinase 1 antibody was raised against Human
<b>Antigen Type:</b>	Recombinant protein
<b>Immunogen:</b>	HK1 / Hexokinase 1 antibody was raised against recombinant human Hexokinase1 (1-917aa) purified from E. coli.
<b>Epitope:</b>	aa1-917
<b>Reactivity:</b>	Human
<b>Purification:</b>	Protein G purified
<b>Presentation:</b>	PBS, pH 7.4, 0.1% sodium azide. Sourced in Ascites.
<b>Recommended Storage:</b>	Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.
<b>Usage Summary:</b>	Immunohistochemistry: LS-B2939 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2939 was determined to be 5 ug/ml.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Western blot (1:1000 - 1:2000), ELISA (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	1 mg/ml

**Immunohistochemistry Image:**



Anti-HK1 / Hexokinase 1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2939 concentration 5 ug/ml.

**Western Blot Image:**



Cell lysates of HepG2 (30 ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Hexokinase1 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

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